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k [CVS21, KZP10, ZTM+17, ZLF+17]. N [ABCZ21, CWZ+20b, CWZ+20a, DK04, LPLH19, PV19, SHN17, WZZ+23, XHW+19, ZLF+23, Coh97]. $O(1)$ [Non13].

-Gram [PV19]. **-Grams** [Coh97, SHN17]. **-learning** [GWLC06]. **-nearest** [KZP10]. **-workspace** [Non13].

1 [HRY+22a, YSXK23a]. **100-year** [Gla04, GL05].

2 [HRY+22b, YSXK23b]. **2007** [Mar08b]. **2008** [Mar08b]. **2009** [Cal12]. **2012** [Cal12].

3D [ABW93]. **3DIS** [AM89].

5s [GFWK04].

abbreviations [YKHW06]. **Abilities** [CACW23]. **aboutness** [WSBC01]. **Abstract** [MTKY92]. **Abstraction** [FP94]. **Abstractive** [BZCE22, CLG+23, LYZ+23]. **Accelerating** [ZZL+15]. **Access** [Gla97, MNP+21b, RS97, WS90, BFF+03, CDR10]. **Accesses** [CZ93]. **accessibility** [CDH+09]. **Accessing** [Dun97]. **Accounting** [MK16b]. **Accuracy** [ES13, MMO21, MNP+21a, JGP+07]. **Accurate** [CJY23a, YLZW22]. **Achieving** [YXL+23]. **Acknowledgment** [Ano95]. **ACM** [All89, All91, dR19]. **Acoustic** [MO12]. **Acquisition** [BWS+17]. **across**

[IH07, TLKW16]. **Act** [CW94, KM97]. **action** [NLL+24]. **actions** [YHYO01]. **Active** [CZZ+17, WHFG92, DEL+00, HJZL09]. **Activities** [LAL+17]. **Activity** [CHBS15, JMZ22]. **Ad** [CGM05, DLA22, KL09]. **Adaptation** [WWN22, WLL+23b, CBZ11]. **Adapting** [LMZ20, CDH+09]. **Adaption** [GLZ+24, ZZL+22]. **Adaptive** [BHMW07, Bul95, CJW+21, JMZ22, LK20, LJQY19, LFW23, WLL+23a, ZZT+21, ZDZ23, BDS04, CCC09, LBS08]. **Adaptively** [DMUN19]. **adaptivity** [RSG09]. **AdaTaskRec** [ZDZ23]. **added** [MLDGH04]. **Additive** [DLN+16]. **Additivity** [KSVS16]. **Addressing** [HZF+23]. **Adjusted** [LCL+17]. **Adjustment** [EMS21]. **Adversarial** [CZX+19, CQL+24, GLZ+24, RYC+20, WLL+23b, WZG+23a]. **Advertisement** [ZLF+17]. **Advertising** [ZGN+17, ZWL+22]. **Affect** [Fer17, MLK+18, WZL+19]. **Affects** [MMO21]. **affiliated** [BM02]. **after** [Gla04]. **Against** [ZLF+17, WLW+24b, WZG+23a, ZWL+23]. **age** [Mar08a]. **Agents** [PYF+92]. **Aggregate** [ABCZ21]. **Aggregated** [AC16, AC19, CSZD15]. **aggregates** [MS01]. **Aggregation** [GCC12, LYM+24, XC24, TP05]. **agnostic** [XZT+24]. **Agree** [SZ21, BM02]. **Agreement** [DL16]. **Algebra** [FR97, GZC89]. **Algorithm** [BR96, BNIL24, CGB19, EMS21, VB98, CL03, KT05, PMPJ11]. **Algorithms** [AZ12, FZSG21, GR95, Kon04, Pal15, SC19, ZZL+15, ZLF+23, BM12, DK04, PF03, TS10]. **Align** [HLL+17]. **Alignment** [WWN22, XZZ+22, YHS+12, ZZT+21]. **alleviate** [HCZ04]. **Alleviating** [QDG+24]. **Allows** [Man97]. **Alphabet** [MP20]. **alphabets** [Non13]. **Am** [LCY21]. **Ambiguity** [KC92]. **Ambiguous** [YDW22]. **Among** [Fer17, LM90]. **Analyses** [MC14b]. **Analysis** [ASSC22, BHH+16, BB93, BRS92, BGI24, CGB19, CMR91, CSZD15, DBCJ21, EMG11, FCL+23, HCD+23, LLG+23, LZG21, MK16a, PPGK04, PR16, RABC22, SE91, VKD21, ZJW+24, ZH17, dODMS20, ACS08, Car12, CJRY12, CHS99, GWR99, GL06, LM01, LWA08, MPHS03, PR09, SC09, XC00]. **Analysis-Based** [PR16]. **analyzing** [SNS+05]. **Anchor** [LCL04]. **annotate** [CDH+09]. **Annotation** [SLZ+19, XCG+23]. **annotations** [AF07]. **annotator** [ZWRL19]. **Answer** [CCC+12, DXL+22, DLZ+22, GCR+21, HWN+19, LYZ+23, MT21, MAL16, KSNM10, MS01, Ack98]. **answer-ranking** [KSNM10]. **Answering** [AA16, BGQT07, GCR+21, LLN22, LLM22, MAL16, PHK12, TM19, YXL+23, ZWMH19, CTM12, CKC07, KSNM10, KEW01, Lin07, MPHS03]. **Anytime** [MPM22]. **App** [CHN+17, HL17, TZP22, YZW+17]. **Application** [EMS19, GPS93, GH96, MKF91, RN96, VAJR22, WSBC01, LCH07, SSS11, PGD07]. **Applications** [JTL+17, SS93, WLS+17, WRLD22, WBB+90, ZLF+17, ZXZL20, DDH+09, FP00, HJZL09, dOTM01]. **applied** [ZL04]. **Applying** [HCZ04]. **Approach** [AA16, BLH+22, BK90, CFC+19, CSZ+22, FB91, GPS93, HLC+20, KLHK13, Kwo95, LYN+21, LL23b, MAP+22, MHR22, MMLP97, NXF+24, NWZC12, PBS22, QZX+20, SLX+24, TQH15, WXLC13, WHL+16, WZW+22, WZZ+24a, YSZ+17, YHS+12, YCZ+15, ZZL+15, AC08, ASST05, CdMRB01, CC05, Fuh99, GWLC06, GWR99, GP00, HHWL01, LM01, LCL04, MS01, Owe02, PZMRN05, WMJ05, YKHW06, ZFL+07]. **Approaches** [CCC+12, Gru92, MC14b]. **Appropriate** [ZLF+23]. **Approximate** [ABB+15, BNIL24, PMD01, Web13, ARSZ03].

Approximation [LJQY19]. **approximations** [MOT11]. **Apps** [AZCC21, LAL+17, USN+17, WLG+17]. **Arabic** [ANW17, AA16, DM07]. **Architecture** [AAL+20, KL91, KEL95, PYF+92, RFB+24, WZHY24, PSDB99]. **Architectures** [WLY+14, CML00]. **Archival** [ANW17, ZJT16]. **Archives** [CCC+12]. **Areas** [HY20]. **Arithmetic** [MNW98]. **Arnoldi** [WW10]. **Array** [NCZG14]. **Article** [USN+17]. **Articulating** [KMdRS06]. **Artifact** [CR92]. **Ask** [ZHRK23, GL05]. **ASM** [BR96]. **Aspect** [FCL+23, GCH+19, LLZ+22, LLG+23, LZG21, SWZ+22, WZZ+24b]. **Aspect-Aware** [LLZ+22, SWZ+22]. **Aspect-based** [FCL+23, LZG21]. **Aspects** [MSMO18, WLT+22]. **Assessing** [CVS21, LA08]. **Assessment** [SQZ+22, PTL08]. **Assessments** [MHR22, STZ22, STC+24]. **Assessors** [FFM17]. **Assimilation** [ZXZL20]. **Assimilation-contrast** [ZXZL20]. **Assistance** [CWL+20]. **Assistant** [MNP+21b]. **Assistants** [AZCC21]. **Assisted** [CH96, LK20, ZWMH19, ZK20]. **association** [TL03, WZZ04, YWYL08]. **Associations** [SLHS93, ZHY14, HZSL13]. **Associative** [COR13, HCZ04, RBV09]. **Assumptions** [Coo95, FP94]. **assurance** [WCX24]. **Asymmetric** [MP20, ZWE+22]. **Attack** [ZWL+23]. **Attacks** [TQN+23, WZG+23a]. **Attention** [HWN+19, LHL23, LLZ+21, LWP+21, WWX+23, WZY+24, XZZ+22, YHS+21, ZHL+22, ZLS+23, ZCZ+23, ZJW+24, ZXZL23, APJL20, QDZW23]. **Attention-based** [LLZ+21, ZLS+23]. **Attentive** [CSR+20, CLM+22, DXL+22, GCH+19, GCN+19, HLW+24, PCCC22, PLR+22]. **Attitudes** [Ols89]. **Attribute** [NTV22, SYSW24]. **Attribute-level** [SYSW24]. **Attributed** [FLMD22, MLZ+20, ZWF+23]. **Attributes** [DCT+17, LLW+21, MLZ+20, ZYW+23]. **Attribution** [Sav12]. **Auction** [APJL20]. **Audio** [HSH93, SCL+22]. **augment** [BM12]. **Augmented** [XHX+22, YRC23, ZHZ+19, HLW+24]. **Augmenting** [Ack98, TGS16]. **Author** [Ano93, Ano96a, Ano97, Cro98, RZCG+10]. **author-topic** [RZCG+10]. **authority** [LS02]. **authorization** [BJS99]. **Authors** [Ano94a]. **Authorship** [Sav12]. **Auto** [CRD16, VAJR21, WLL+23b, YRC23, ZZY+23]. **Auto-Completion** [CRD16, VAJR21]. **Auto-Encoder** [ZZY+23, WLL+23b, YRC23]. **Autoencoder** [XHX+22]. **Automata** [SFR98]. **Automated** [ADW94, KM97, SSCT09]. **Automatic** [BJL+07, GS91, LMW+21, PBF+89, QZS+24, RBV09, CdMRB01, GWR99, GIS03, LSOS06, LWA08]. **Automatically** [ZZH+18, YKHW06]. **AutoML** [ZQC+23]. **autoregressive** [CJY23a]. **AutoWeb** [FP00]. **Auxiliary** [DYL+20, LDW+17, YRC23]. **Availability** [ZLW16]. **Aware** [AC18, BWS+17, CWZ+20b, CDZ+23, CS16, CSZ+22, GXTL14, GCH+19, LJHL17, LLZ+22, LXW+17, MHLH23, MJH15, PLR+22, SLX+24, SWZ+22, TQH15, WQL+19, WMM+23, YZW+17, ZKJW22, ZGCC18, ZWE+22, AZCC21, CXZ+21, DXL+22, HML+23, IG08, LXZ+22, LHL23, LZZ+23, LMZ23b, LZG21, WLFT18, WLT+22, WLM+21, YLW+23, YCZ+15, ZWRL19, ZWC+23, ZWX+23, ZCLC23, FFM17]. **Awareness** [YLZW21]. **AZFin** [SC09].

Badge [WHFG92]. **balance** [PSPBY10]. **balanced** [YZZS24]. **Balancing** [YCL+23]. **Bandits** [JMD20]. **Base** [ZMK+20, ZKMM23]. **Based** [APCC15, AKFA15, AK18, AOK14, AA16, BCFG15, BC14, BA18, BLH+22, CGB19,

CE89, CFP95, CW94, CWZ+20a, CDM15, EMG11, Fuh89, GPS93, GCC12, GR96, GYC+22, IC16, JVA+15, Koi95, Kwo90, LCJ+16, LLT+21, LLZ+22, LLM22, LPY94, LCL+17, LGQL19, LCJ+19, MAP+22, MNP+21b, NWZC12, PPPR13, PGW+17, PR16, QLNY19, QHCY22, QFZ+19, Res93, SC19, Sav12, SCL+22, SZS17, SE91, SSGC89, SF89, SFR98, SLW+20, TBC96, Tuz95, VHJC11, WLY+14, WZW23, WZY+24, WZHY24, Won94, XYW+23a, XC98, XPL+24, YW15, YLZW21, YC94, YHY+17, YDXW21, YMZF22, ZLL+22, ZKMM23, ZLW24, ZZL+15, ZZZ+16, ZWE+22, dMdSsdA+08, ASSC22, ADCU08, AV02, BZCE22, BBD11, CC01, CDH+09, Car12, CZJ07, CL06, CCC09, CSLN10, CC05, Coh00, DGMG23, DK04, DDH+09, EKK99, EKK00, FBN+12, FCL+23, FCD02, FG04, HYZ+23, HLW+24, HHWL01, HHC+10, IH07, JK02, KNS04]. **based** [LBS08, LLBS18, Lin07, LHSC11, LLZ+21, LZG21, LL23b, MPS07, MRC+23, MC10b, Owe02, PCC+22, PCCC22, PTKJ07, PZMRN05, QZXP06, QHLY20, RFB+24, SZ21, SZ09, TM10, TQN+23, WLW+24a, WS90, WMJ05, WCX24, XTF+21, XLL+23, XHW+19, YFSO24, YKHW06, ZHL+22, ZZT+21, ZSY+21, ZHW+22, ZCZW22, ZLS+23, ZZY+23, ZJK+24, ZHD+22, ZKG08, ZRZ02, ZWL+23, ZK20, dOTM01, RCR+21]. **Baseline** [AA16]. **Baselines** [KSVS16]. **Bases** [ZWMH19]. **basic** [TS10]. **Basis** [RL94, Mel08]. **Basket** [LJAdR23, WC21a]. **batch** [HJZL09]. **Bayesian** [LCJ+19, SLW+20, WZW+22, WZZ+24a, YCZ+15, ZXZL23]. **BCDR** [ZLS+23]. **Be** [FC17]. **Behavior** [AC16, HL17, LHH+19, LCPD19, LMZ20, MYL+23, MZG+24, MBST17, OS96, SSY+17, XYW+23b, YCG+24, ZLM+23]. **Behavioral** [RSD+13]. **Behaviors** [HCD+23, QZS+23, YCZ+16]. **Behaviour** [BACF17, SBM+17]. **Belief** [WH15, ZM14, LBS08]. **belief-revision-based** [LBS08]. **Benchmarking** [AOK14, WSBC01]. **Beneath** [KL00, PR04]. **Bennett** [Gru92]. **BERD** [SYSW24]. **Bernoulli** [LA08]. **Best** [MAL16, SW90, ZOML24]. **Best-Match** [SW90]. **Better** [ZAK+23]. **between** [DLA22, MTKY92]. **Beyond** [DXZ+22]. **Bias** [CDW+23, FN96, LFW23, MAP+22, MMCC+21, Oos23, PHK12, SLX+24]. **biased** [MZ08]. **Biases** [LCL+23b, WH15]. **Bidirectional** [MTKY92, ZLL+20]. **Big** [DCT+17, SSY+17]. **Bilateral** [ZDW+22]. **Billion** [YMZF22, ZNL+17]. **Billion-Edge** [YMZF22]. **Billion-Scale** [ZNL+17]. **Binary** [MNZ19]. **biomedical** [YKHW06]. **Black** [WZG+23a, ZWL+23]. **Black-box** [WZG+23a, ZWL+23]. **Block** [CWZ+20b, CHS99]. **Block-Aware** [CWZ+20b]. **Blocks** [FC91, LPC+23]. **blogosphere** [CSJS10]. **Bloom** [AL13]. **Boies** [Gru92]. **Boolean** [CGMP99]. **Boosting** [BMMC19, CJZ+16, FPSO06, CBZ11]. **BoRe** [LMZ20]. **both** [WZZ04]. **Bots** [MTC21, ZWL+22]. **BotSpot** [ZWL+22]. **bound** [MOT11]. **Bounded** [HSS+09]. **Bounding** [LCL+23b]. **box** [WZG+23a, ZWL+23]. **branch** [YZZS24]. **Brand** [LZW+20]. **Breaking** [MK16a, SC09]. **broadcast** [LSOS06]. **Broker** [TGL+97]. **Bronze** [STC+24]. **Brotli** [AFF+19]. **Browse** [LMW+14]. **Browse-to-Search** [LMW+14]. **Browsing** [CS94, SF89, SFR98, Yan15, BKGM+02, MC06]. **Bubbles** [GWL+24]. **Budget** [PBS22, ZAL+16]. **Budgets** [NGMD17]. **Building** [DWLW09, HZG20, MRYGM01, RP98, VL90, WW94, YLZW22]. **Burst** [HZW02]. **Bursting** [GWL+24]. **business** [KL00]. **Buttons** [Bie92].

C [PBF+89]. **C-TODOS** [PBF+89]. **Cache** [WLY+14]. **caching** [PSPBY10, FPSO06].

Can [FC17, FEL22]. **cancer** [SNS+05]. **candidate** [AL13]. **capacity** [PSPBY10]. **Capsule** [LLZ+22, PBS22, ZY21]. **Captions** [GR96]. **Capture** [CJY23a, RS97]. **Capturing** [HSH93]. **card** [BSST03]. **Carlo** [LCL+17]. **Cascading** [TQH15, YCG+24]. **Case** [HE91, JSL+24, MWA+24, SWL+23, SLW+24, WW94, Luz12, Gul96, MC10b]. **casual** [LLC03]. **Cat** [BWS+17]. **Cat-Mobile** [BWS+17]. **Categorical** [QFZ+19, ZHL+22]. **Categories** [CJZ+16, BBD11]. **Categorization** [ADW94, LPY94, YC94, CS99, GWLC06]. **Category** [CCC+12, CZX+22, LLG+23, XZY21]. **Category-Level** [XZY21]. **CATS** [BZCE22]. **Causal** [HZF+23, SSZ+23, WLW+24b, ZJT16]. **cause** [CJY+23b]. **CBMIR** [APCC15]. **CD** [KBD89]. **CD-ROM** [KBD89]. **centric** [LFW23]. **CHA** [ZHL+22]. **chains** [AL13]. **Challenges** [HZG20, WWHX23]. **Change** [CZZ+17, YGZ15]. **changed** [LHSC11]. **Changes** [MK16b]. **Channel** [LPLH19, SLZ+24, WWX+23]. **Characteristics** [CL18, Guy18]. **Characterization** [TZP23, CSJS10]. **Charter** [Ano94b]. **Chat** [WLM+21]. **Chatbot** [WAL+21]. **Chatbots** [LLT+21]. **Check** [LJAdR23, SLZ+24, YCZ+16]. **Check-in** [SLZ+24, YCZ+16]. **Checking** [SFR98]. **Chemical** [SMGM11]. **Chief** [Zha21]. **Chimera** [ATW00]. **Chronological** [CLG+23]. **CIRS** [GWL+24]. **Citation** [LLZ+22, XZH+22]. **Claims** [CR92]. **CLAIRE** [TMT06]. **Clarification** [ZAK+23]. **Clarifying** [YDW22, ZAK+23]. **Class** [COR13, PYC+19, CLPM20, GCT99]. **Classical** [Ruh94]. **Classification** [CZZ+17, COR13, DG95, ES13, EMS19, HQZ17, IG08, LCX+19, LBC+19, MMO21, MPS23, PR16, RL94, WZHY24, YHS+21, YZZS24, ZWRL19, ZZD+20, ACS08, BJL+07, GIS03, LWSA10, PS05, SPS+06, TY22, TMT06]. **Classification-aware** [IG08]. **classifier** [GWLC06]. **Cleaning** [ES13]. **ClearBoard** [IKG93]. **Click** [DRdR23, LXW+17, MCL+12, Oos23, QZS+23, ZML+19, LWSA10]. **Click-through** [QZS+23]. **clicks** [JGP+07]. **clip** [HSS+09]. **Clipping** [USN+17]. **Close** [OOSC93, YWYL08]. **Cluster** [LGRK18, ADCU08, HHC+10]. **cluster-based** [ADCU08, HHC+10]. **cluster-skipping** [ADCU08]. **Clustered** [PV17]. **Clustering** [Can93, JDA+22, LRZ+17, TM10, CL06, KM13, MLDGH04, TG10, WNZ02, ZFL+07]. **Clustering-based** [TM10]. **Clusters** [KL09]. **CLV** [FC91]. **Co** [FLMD22, LLM22, PCCC22, GZW+18]. **Co-Attentive** [PCCC22]. **Co-Embedding** [LLM22, FLMD22]. **Coalition** [RP98]. **Coalition-Building** [RP98]. **Coarse** [LMW+24, MZG+24]. **Coarse-grained** [LMW+24]. **Coarse-to-Fine** [MZG+24]. **Coding** [MNW98, MP20]. **Coexisting** [XZY21]. **Cognitive** [CACW23]. **Coherence** [AC16]. **coherent** [JZ06]. **Cold** [CQF+23, HYZ+23, HCC+16, HSYX22, LLW+21, SZC+23, SZS17, WLL+23b]. **Cold-Start** [CQF+23, HCC+16, SZS17, HYZ+23, HSYX22, LLW+21, WLL+23b]. **Collaboration** [CSB21]. **Collaborative** [AK18, CCCD19, CLPM20, CJW+21, CQL+24, DHY+19, GXTL14, HWL+24, LHL23, LZW+20, LXG+23, LCNY23, PYC+19, PCC+22, RR98, SYX+17, TM91, WHL+16, WRLD22, WLL+23a, WZZ+24a, XHX+22, XZH+22, XLL+23, XHW+19, YLYT23, YRC23, ZLL+20, HKTR04, Hof04, HCZ04, IH07, WdVR08, XHYY09]. **Collection** [CFGM02, CFFK22, FKS19, PF03]. **Collections** [Gla97, KC15, ZJT16, BC13, CW02]. **Collective** [LGQL19, MYL+23, ZZT+21].

Combination [FP94, CRG02]. **Combine** [FFM17, MO12, MS01]. **combined** [WZB04]. **combinFormation** [KKS+08]. **Combining** [AOU12, MC10a, WL22]. **Comments** [HLL+17]. **Commerce** [DLZ+22, GCR+21, JSL+24, KM97, ZLH+22, ZLW24]. **Communicating** [LM90]. **Communication** [Mar94, CSJS10]. **communicative** [YHYO01]. **Communities** [LLM22, LZLM19, Pal15]. **Community** [CCC+12, PHK12]. **Compact** [ZNL+17, Zob06]. **comparable** [TLJ+07]. **Comparative** [CSZD15]. **Comparing** [ANW17, Guy18, IC16, PF03, PS05]. **Comparison** [DLA22, HWD13, OOSC93, TFS+12]. **Competitive** [ZLH+22]. **Complementary** [ZCZW22]. **Complete** [MS01, PTL08]. **Completion** [CRD16, VAJR21]. **Complex** [PL94, ZHW+22, CL03, PVGM11]. **Complex-valued** [ZHW+22]. **Complexity** [CWL+20]. **Component** [ASSC22, Gul96, Kwo90]. **Component-based** [ASSC22]. **Components** [Kwo90]. **composition** [KKS+08]. **Comprehensive** [GCF+22, LWP+21]. **Compressed** [BCPN14, Man97, PGW+17, ADCU08, SNZBY00]. **Compression** [BK90, BKR97, KBD89, Man97, PGW+17, ZZL+15, BFNP10, CW02, KT05]. **Compressor** [AFF+19]. **Computational** [TY22]. **computationally** [GCT99]. **compute** [GGMW03]. **Computer** [All91, FN96, HE91, Jac91, Ols89, SE91, SZ93]. **Computer-Human** [All91]. **Computerized** [GH96, SM95]. **Computers** [FZC93]. **Computing** [CDF01, Ruh94, WZC+17, WW10]. **Concept** [EMG11, FGM+02, Owe02]. **Concept-Based** [EMG11, Owe02]. **Concepts** [BF98, CL03, FG04]. **Conceptual** [Gul96, ISW92, PBF+89, RR98]. **concerns** [WH09]. **Conclusions** [GTW+18]. **Concordances** [BKR97]. **Conditional** [LQJ+24]. **Conference** [Cro89b]. **Confidence** [MMO21, Web13, WKF+12]. **Configurations** [DMUN19]. **Confounding** [HZF+23]. **Congestions** [WZC+17]. **Connecting** [GZW+18]. **Considerations** [KBD89]. **Consistency** [Gru92, RZM24, WNS+17, Wie92]. **Consistent** [CJY+23b]. **constant** [Non13]. **Constituent** [MH89]. **Constrained** [LLM22, PBS22]. **Constraints** [MT21, WC21b, ZLW16, PVGM11]. **Constructing** [ZML+19]. **Construction** [NCZG14, Yan15, BC11]. **Consumer** [ZLW24]. **Consumption** [LMZ20]. **Content** [AK18, AOK14, DG95, LCPD19, MK16a, NB97, NWZC12, RS93, SSS11, ZLL+22, AF07, CDH+09, EKK99, EKK00, KL06, KNS04]. **Content-Based** [AK18, AOK14, NWZC12, EKK99, EKK00, KNS04]. **content-oriented** [KL06]. **Contents** [CS94, EGL+97]. **Context** [AC18, AZCC21, BB93, BLWJ15, BWS+17, CML+21, CDZ+23, CS99, FTZZ23, GBMS99, LXZ+22, MJH15, TGS16, UY89, VAJR21, VAJR22, WQL+19, XC24, YCZ+15, ZKJW22, FGM+02, LBS08, MC06, Mel08, XC00]. **Context-Aware** [AC18, BWS+17, CDZ+23, MJH15, WQL+19, ZKJW22, AZCC21, LXZ+22, YCZ+15]. **Context-sensitive** [CS99, LBS08]. **Contexts** [SGJ22, LLC03]. **Contextual** [BTP24, BKWZ15, DL16, JMD20, LL23b, MZLK11, MYHL11, RABC22, SYX+17, ZYY+21, ASST05]. **Contextualized** [DXL+22, YZS+24, BHMW07]. **Continuity** [RRS95]. **Continuous** [GRSD+16]. **Continuous-Time** [GRSD+16]. **Contrast** [WMC+23, ZXZL20]. **Contrastive** [JZZW24, WLW+24a, WZZ+24b, YOM24, ZDZW23]. **contribution** [WW10]. **Control** [Bul95, Gla97, HLNS98, BFF+03, Mar08a]. **Controlling** [Koi95]. **Conversation**

[SLW+20, TCMC21, ZLWW22, ZGF+20]. **Conversational** [BWS+17, CSB21, DZX+23, FEL22, HKS+21, KMPS21, LLW+21, LLN22, LYN+21, LCY21, LZW21, NXF+24, RYC+20, RCR+21, SAD24, TCMC21, VKD21, VAJR21, WA22, ZJW+24, ZHRK23]. **Conversations** [LCL+23a, RCR+21, WZW23, YLZW21]. **Converting** [Rad92]. **Convolution** [MHLH23]. **Convolutional** [CXZ+21, DHY+19, HML+23, WL22, YCG+24, ZDW+22]. **Cooccurrence** [XC98]. **Cook** [FEL22]. **Cooking** [FEL22]. **Cooking-Related** [FEL22]. **Cooperative** [FLMM91, MLF95, Won94]. **coordinate** [HSS+09]. **Copy** [AOK14, TQH15]. **CORE** [EGL+97]. **corpora** [RZCG+10]. **Corpus** [KLHK13, XC98, GWR99, TLJ+07, YKHW06]. **Corpus-Based** [XC98, YKHW06]. **correct** [PTKJ07]. **Correcting** [Oos23]. **correction** [DM07]. **Correlation** [Fer17, LHSC11, PR09, PZMRN05]. **Correlation-based** [LHSC11, PZMRN05]. **Correlations** [DHY+19]. **CoSam** [CJW+21]. **Cost** [GXTL14, MAH24, MCF+17]. **Cost-Aware** [GXTL14]. **Cost-Effective** [MCF+17]. **Costs** [OSV19]. **Count** [LLZ+22]. **Counterfactual** [GWL+24]. **Couplings** [WC21a]. **Course** [WZW+22, YZS+24, PVGM11]. **Coverage** [EJ03]. **Covering** [ABB+15]. **crawl** [PS05]. **crawler** [AAGY01]. **Crawlers** [FAZC12]. **crawling** [TM10]. **Creating** [TLJ+07]. **CrimeNet** [XC05]. **criminal** [XC05]. **Criteria** [Row96]. **Critical** [EMS21, JSZL23, NCZG14, RJB89]. **criticism** [TL03]. **Critiquing** [FLMM91]. **Cross** [CHN+17, CZT+23, CJN20, EMS19, GLG+23, GLZ+24, HYH15, HWL+24, JTS16, LHL23, LQJ+24, MPS23, QHLY20, TL14, XZZ+22, XLW+22, YOM24, ZZL+23, ZBYH23, ZWL+23, GNN+10, PTS13, TLJ+07]. **Cross-Device** [HYH15]. **Cross-Domain** [LHL23, GLG+23, GLZ+24, YOM24, ZZL+23, PTS13]. **Cross-Language** [TL14, TLJ+07]. **Cross-Lingual** [EMS19, JTS16, MPS23, XZZ+22, GNN+10]. **Cross-Modal** [HWL+24, CJN20, XLW+22, ZBYH23, ZWL+23]. **Cross-Platform** [CHN+17, LQJ+24]. **Cross-session** [QHLY20]. **Crowd** [RLS+24]. **Crowdsourced** [MHR22]. **Crowdsourcing** [BWS+17, MMST17, RLS+24, SC19, ZDZ23]. **CRS** [NXF+24]. **CRSAL** [RYC+20]. **CSCW** [Res93]. **CTR** [SZC+23]. **Cues** [LXZ+22]. **Cultural** [GGRF23]. **Cumulated** [JK02, KL06]. **Curation** [HCD+23]. **Curious** [BWS+17]. **Current** [Ols89]. **Curriculum** [WZZ+23]. **Cursor** [APJL20]. **Customer** [PR16, ZWT+23]. **Customizable** [BZCE22]. **Customizing** [RS97]. **Cyberchondria** [WH09]. **cyberspace** [AC08]. **Cycle** [CR92].

D [NCZG14]. **D-Critical** [NCZG14]. **DA-DAN** [GLZ+24]. **DAIDA** [JMSV92]. **DAN** [GLZ+24]. **Dangerous** [WLZW21]. **Danish** [ANW17]. **Data** [AFF+19, AARC20, CST+23, Coh00, DYL+20, FC17, FCL+23, GC92, HCD+23, JSZL23, JSL+24, VST+14, MTKY92, NFZ19, QFZ+19, SLHS93, SCL+22, SSZ+23, SSY+17, SYX+17, SYSW24, TGL+97, Tom89, WZC+17, WS90, YLW+23, ZWRL19, ZZZ+16, BGQT07, BJS99, CDF01, CGM02, FPSO06, HZW02, KZP10, PSDB99, QZXP06, ZCD06]. **Data-Driven** [HCD+23]. **Data-to-text** [JSL+24]. **Database** [BBT92, FR97, ISW92, KBGW91, KN93, SÖ90, Tom89, VB98, BFF+03, CC03, Fuh99, IG08]. **Databases** [CH96, KBGW91, KC95, MK94, NB97, BSST03, CC01, EKK99, EKK00, GWR99, GIS03, KZSD99, LL99, MS01, SSCT09]. **Dataset** [LCL+23b]. **Datasets**

[PV19, CL06]. **DBface** [KN93]. **DBpedia** [LCL+17]. **DBpedia-Based** [LCL+17]. **dead** [Gla04]. **Debias** [CDW+23]. **Debiased** [YCL+23]. **Debiasing** [ZXZL20]. **Decaestecker** [EMS21]. **Decentralized** [LCNY23]. **Decision** [ASV91, ADW94, Won94, YGZ15, ZLW24, BDS04, Fuh99]. **decision-theoretic** [Fuh99]. **decisions** [WLWK08]. **Decomposition** [VFA17, KO98]. **Decoupled** [SGLS93]. **Deductive** [KC95]. **Deep** [AAL+20, CQL+24, FZSG21, HLW+24, LMZ+23a, LW20, LLZ+21, LZG21, LCJ+19, RCR+18, SSY+17, SLW+20, TM19, XLW+22, XTF+21, XHW+19, YW15, ZQC+23, ZWL+22, dODMS20]. **DeepMob** [SSY+17]. **Defined** [BBT92]. **definitional** [CKC07]. **Delay** [GC92]. **delivery** [LSOS06]. **Demographic** [DCT+17]. **Denoising** [YLYT23, ZJK+24]. **Dense** [LMZ+23a, LL23a, ZOML24]. **Dependable** [DC10]. **dependencies** [BSV09]. **Dependency** [BLWJ15, QWZ+15, YW15]. **dependent** [CDR10, MSOH13, TFS+12]. **Derivation** [GH96]. **Deriving** [LAL+17]. **Descriptive** [GR96, NZW+14]. **Design** [BB93, CMR91, CR92, CW94, ERG+89, GPS93, GR95, ISW92, IKG93, LL89, Mos90, OOSC93, PBF+89, SZ93, WLY+14, AAGY01, BSST03, FCD02, GWLC06, IM05, RR98]. **Design-Evaluation** [ERG+89]. **Designing** [KN93]. **Designs** [HSH90]. **Desktop** [WDG17, CDZ08]. **Detachment** [YTD13]. **details** [ES98]. **Detect** [ZAL+16]. **Detecting** [AZK12, LHG+12]. **Detection** [AOK14, BA18, CSR+20, CTH+13, LW20, MTC21, MCF+17, QWZ+15, TQH15, WNWL+21, ZJT16, ZZL+21, ZLH+22, ZY21, ZWL+22, Zob06, AC08, CCC09, CFGM02, TFS+12, WKF+12]. **Developing** [WBB+90]. **Development** [Cro89b, Gru92, RN96, SS93, WL97, ATW00, FP00]. **Device** [HYH15, XYW+23a, RSG09]. **Devices** [AK18, CMR91, WLS+17, ACM+02, BKGM+02]. **DGeye** [WLZW21]. **Diagnostic** [FTZ11]. **Dialog** [CSJ+24, GCL+21, HZG20, CDH+09]. **dialog-based** [CDH+09]. **Dialogue** [LMW+21, LMW+24, LLT+21, MLZ+22a, MLL+24, SZZL23, SGZ+24, ZHZ+19, ZCZ+23]. **Dialogues** [FTZZ23, VKD21, XTF+21]. **Dichotomy** [GGRF23]. **Dictionary** [LPY94]. **Difference** [JYM13]. **Different** [CWL+20, LM90, IH07]. **differentials** [TkWW99]. **Difficulty** [CFFK22, ZZH+18]. **Diffusion** [GRSD+16, QWJ+24]. **Digital** [CDM15, EGL+97, GR12, MMO21, MNP+21b, SAK+23, SMGM11, WBP+16, AF07, Gla04, GL05, GFWK04]. **Dimension** [ACC18, DHY+19, Koi93, RBM23]. **Direct** [HSH90, WKF+12, MK94]. **Directed** [SHS+23, ZHC+20]. **Direction** [ZWE+22]. **Direction-Aware** [ZWE+22]. **Directions** [CDW+23, ZZL+23]. **Directly** [Man97]. **directory** [GKL+07]. **DirichletRank** [WTS+08]. **disambiguating** [YKHW06]. **Disambiguation** [MKZPK18, SG14]. **Disclosure** [CST+23]. **Discovering** [LOP+13, ZFL+07]. **Discovery** [JTS16, OSV19, AAGY01, KKS+08, LLPT10, XC05]. **discrete** [KZP10, PRP05, QZXP06]. **Discriminative** [QWZ+15]. **Discs** [FC91]. **discussions** [Luz12]. **Disentangled** [GLG+23, MLZ+22b, WLW+24b]. **Disentanglement** [ZLS+23]. **Display** [Koi95]. **Displays** [HM90]. **Distant** [SHS+23]. **Distantly** [LYLS22]. **Distillation** [CZX+19, FTZZ23, LYLS22, ZCLC23]. **Distorted** [VB98]. **Distributed** [CH96, HEA90, KEL95, KBGW91, KNS04, CML00, DDH+09, KM13, LL99, MRYGM01, RSG09]. **Distribution** [Cum14, DSZ+23, HCC+17, LK20, LZWZ24, WWN22]. **Distributional** [DRdR23]. **Distributions** [PSL16, SV99, XC13]. **Distrust** [FMSS14]. **divergence** [AV02]. **Diversification**

[CRC+22, HY20, LYS+17, MSMO18, QDZW23]. **Diversified** [IYC+23]. **Diversifying** [CRD16]. **Diversity** [QDZW23, RBCT14, SZ21, SLX+24, WZL+19, YLZW21, YFSO24, ZLW16]. **Diversity-Novelty-Aware** [SLX+24]. **DNA** [KT05]. **Do** [RLS+24]. **Document** [ABB+15, CGB19, CFP95, CDZ+23, CDM15, Cum14, CPL15, DMUN19, FB91, HYLC24, Kwo90, LR96, LCX+19, LPC+23, LYM+24, LLZ+21, MLL+24, MPM22, MTL23, MC14b, MPS23, MK16b, Na15, NB97, SGJ22, SF89, AOU12, Bod04, CSLN10, CFGM02, DM07, DEL+00, HL10, KZSD99, KKB10, PRP05, WX10, YWYL08]. **Document-at-a-time** [MTL23]. **Document-grounded** [MLL+24]. **Document-level** [HYLC24]. **Document-Ordered** [MPM22]. **Documents** [Bie92, BCPN14, Bul95, COR13, Dun97, GZC89, KLHK13, VST+14, LK20, STZ22, SMGM11, TSNS19, ZK20, CTM12, FCD02, KFS10, TG10]. **Does** [Fer17, IH07, MLK+18, VAJR22, WZL+19]. **Doing** [LCY21]. **Domain** [CZT+23, GLZ+24, JSL+24, LLN22, LHL23, LCL+23a, MLZ+22a, MLK+18, VL90, WWN22, WLL+23b, ZLS+23, ZH17, CC03, GGMW03, GLG+23, HZG20, LMW+21, MPHS03, PTS13, WR98, YLS+11, YOM24, ZZL+23]. **Domain-Specific** [VL90, CC03, YLS+11]. **Domains** [HCC+16, SBM+17, IH07]. **Doubly** [Oos23]. **Drawing** [GTW+18, TM91]. **Drift** [SKC+12]. **Driven** [HCD+23, FP00, LYZ+23, MLL+24, PSPBY10]. **Drug** [ZWX+23]. **Dual** [CSJ+24, CJY+23b, DSZ+23, GLZ+24, HCY+20, XZZ+22, XYZ+23, YZZS24, ZGF+20]. **Dual-branch** [YZZS24]. **Dual-factor** [ZGF+20]. **Dual-MRC** [CJY+23b]. **Dual-view** [XYZ+23]. **Duplicate** [CTH+13, JTL+17, CFGM02, HHC+10, LHSC11]. **durable** [GL05]. **During** [CHBS15, MK16a]. **Dynamic** [AZBC20, ASSC22, BR96, BFNP10, Can93, Cro06, FZH+22, HLC+20, IYC+23, LLN22, LRZ+17, LWL+24, NXF+24, WLFT18, WMZ+21, WHL+22, WCX24, XZZ+22, YLZW21, ZRT91, ZCZ+23, JBCF07, LLC03, MOT11]. **Dynamics** [NSK+20, WH15, RSD+13].

E-Commerce [DLZ+22, GCR+21, JSL+24, ZLH+22, ZLW24]. **E-Discovery** [OSV19]. **Early** [CC03, LW20]. **Earthquake** [ZZL+21]. **Edge** [YMZF22]. **Editing** [MRC+23]. **Editor** [OOSC93, Zha21]. **Editor-in-Chief** [Zha21]. **Editorial** [All89, All91, All94, Cro89a, Cro91, FG93, LH94, MR92, MS93, Mar08a, Zha21]. **Editors** [VL90]. **Effect** [Dun97, FKS19, QDG+24, WAL+21, YTD13, CDR10]. **Effective** [CS16, KC15, LMDZ20, LYLS22, MCF+17, NXF+24, PPPR13, YLZW22, MWYL01, PMPJ11]. **Effectiveness** [JYM13, MBST17, RZM24, SGJ22, TBC96, IH07, MZ08, SV99, XC00]. **Effects** [ABCZ21, AC16, AC19, CWL+20, CFFK22, KFS10, Mar94, VHJC11, VAJR22, WMZ+21, ZXZL20]. **Efficiency** [HWD13]. **Efficient** [BC13, BC14, BA18, BCPN14, BKGM+02, CZX+19, CZZ+20, CJW+21, CTH+13, CM10, EKK00, FLW+23, HHC+23, KZSD99, KZP10, KC15, LMW+24, MTL23, Row96, SC19, TGL+97, WZZ04, XYW+23a, XLW+22, YHS+12, ZGCC18, ZZL+22, ZWL+23, HZW02, IYC+23, KT05, PMPJ11, PZMRN05, SSCT09]. **Efficiently** [PV19]. **Effort** [MAH24]. **eFraudCom** [ZLH+22]. **Electricity** [PR16]. **Electronic** [KM97, Mar94, RP98, HDPM08, Mar08a]. **Element** [WC21b, Cro06]. **Elias** [PV17]. **Eliminating** [SYSW24]. **ELSA** [CGB19]. **eludes** [BVKS08]. **email** [CHS99, EBR08, ZKG08]. **Embedded** [Bul95]. **EmbeddedButtons** [Bie92]. **Embedding** [AZBC20, CZX+22, CGB+15, DHY+19,

GYC+22, HCY+20, LLM22, LLY+24, LL23b, NLF+20, WHL+22, XLW+22, XCG+23, YZS+24, YLYT23, ZSY+21, ZKMM23, ZWE+22, FLMD22, PTS13]. **Embedding-Based** [GYC+22, LL23b]. **Embeddings** [BTP24, CCVR17, LDW+17, MPS23, YE18, YDW22, ZY21]. **Emergency** [SSY+17]. **Emotion** [CJY+23b, NSK+20, QWZ+15, WLM+21, ZJW+24]. **Emotion-aware** [WLM+21]. **Emotion-cause** [CJY+23b]. **Emotional** [QWZ+15, SLW+20]. **empirical** [CZJ07]. **Employee** [WZW+22]. **Employer** [LZW+20]. **Emulators** [GR12]. **encapsulation** [ACM+02]. **Encoder** [QDZW23, ZZY+23, WLL+23b, YRC23]. **Encoding** [HQZ17, GL05]. **Encounters** [MJH15]. **Encryption** [KBD89]. **End** [CRC+22, MPT21, YLZW22]. **End-to-End** [MPT21, YLZW22, CRC+22]. **Engagement** [LQJ+24, NSVB18, TZP22]. **Engine** [JTS16, WLY+14, ZZL+21, EJ03, LOP+13, SC03, TS10]. **engineer** [HDPM08]. **Engineering** [TS10, XLW+22]. **Engines** [DH97, RCR+21, AOU12, BBMN+08, FPSO06, PSPBY10]. **English** [ANW17]. **Enhanced** [AMS20, BR96, HML+23, MLZ+22a, MZG+24, QZX+20, SQZ+22, WZY+24, XYZ+23, YMZ+22, ZWF+23, CSJ+24, WLW+24a, WZZ+24b]. **Enhancement** [LZZ+23]. **Enhances** [MNP+21a]. **Enhancing** [AZCC21, DXL+22, LDW+17, LLX+22, LZLM19, LZW+20, SSZ+23, ZCD06, ZWrWZ23, FSC07]. **enrich** [CDH+09]. **Enriching** [KLHK13]. **enrichment** [SPS+06]. **Ensemble** [EMS19, MPS23, ZWL+22]. **Ensembles** [DLN+16]. **Enterprises** [CH96]. **Entities** [LMW+14, ZMK+20]. **Entity** [CFC+19, LCL+17, LGQL19, LXG+23, LL23b, XZZ+22, YHS+12, ZZT+21, BBD11, LCH07, PTS13]. **Entity-Linking** [CFC+19]. **Entropy** [MP20, GP00]. **enviroments** [ATW00]. **Environment** [AM89, JMSV92, KMKO92, LZ96, SS93, WL97, Cro06]. **Environments** [CFP95, Gul96, LZWZ24, CC03, JBCF07, KM13]. **Envoy** [PYF+92]. **equalizing** [TkWW99]. **Equivalent** [CZT+23]. **equivalents** [PTKJ07]. **Error** [DM07, MPHS03]. **escalation** [WH09]. **Estimate** [LK20, Bod04]. **estimates** [SZ09]. **Estimating** [CZ93, MHR22]. **Estimation** [BF98, GRSD+16, LYN+21, LXLZ16, MTC21, Oos23, QZS+23, SKC+12]. **Evaluating** [ABW93, CML00, DRdR23, FKM+05, GR12, HKTR04, JGP+07, LCY21, MC94, SKK24, SGZ+24, WRJV05]. **Evaluation** [BCPN14, CS94, ERG+89, FTZ11, FFM17, Fer17, Gru92, GR95, JMO22, JVA+15, JSZL23, Kon04, LMW+21, LL89, LMDZ20, LZW+20, MTL23, MMST17, MMCC+21, MMLP97, SZ21, STZ22, SLZ+19, TBC96, TC91, VSS17, VB98, ZGN+17, ZLF+23, CJRY12, CL07, GMR09, JK02, JBCF07, KL06, LSOS06, LZW21]. **Evaluations** [FZSG21, KFS10]. **Event** [LLBS18, MSMO18, WWX+23, ZCLC23, CCC09, LLPT10]. **Event-based** [LLBS18]. **Events** [LHG+12, LXLZ16]. **every** [Gla04]. **Evidence** [MC14a, UCH03, YLW+23, Gla04]. **Evolution** [IM05, LLY+24, LXLZ16, Yan15, ZJT16]. **Evolutionary** [SCG+19, WMZ+21]. **Evolving** [JMSV92, WHL+22]. **Examining** [KSVS16, SAK+23]. **Example** [YC94, TFS+12]. **Example-Based** [YC94]. **Examples** [KLHK13, BBD11]. **Exception** [SM95]. **Exceptions** [SM95]. **Exclusion** [CCVR17]. **Expansion** [BTP24, CdMRB01, GWR99]. **Expectations** [MBST17]. **Expected** [OSV19, CL03, DWLW09]. **Experience** [BBT92]. **Experiences** [DH97]. **Experimental** [NLL+24, WLY+14]. **Experiments** [Kwo90, MLF95, SAK+23,

Car12, GMR09, IKG93]. **Expert** [ASV91]. **Expertise** [MLK+18]. **Experts** [PHK12, BM02]. **Explainable** [AZBC20, CCZ+19, LZC23, LZZ+23, MHLH23, WZW+22, XZT+24, YZS+24, ZCS+23]. **Explaining** [KJA20, Mar94]. **Explanation** [Gul96, LMW+23, SWZ+22]. **Explanations** [LRA23, LMW+23, TBCW20]. **Explicit** [EMG11, FMSS14, MSMO18, SZM+23]. **Exploiting** [CL18, FFM17, GGMW03, GNN+10, MKF91, QHLY20, QHCY22, TLS+22, TL14, WX10, WLT+22, ZZL+21, FPSO06, TLJ+07]. **Exploration** [JMD20, Lin07]. **Exploratory** [CS94, HYH15, HL17, LMW+14, MLK+18, RPE+18]. **explorer** [XC05]. **Exploring** [CCC+12, EBR08, LMZ23b, PHK12, SPKW11, WZW+19]. **Exposure** [MAP+22, XYW+23b]. **Expressive** [KM97, SW94]. **Extended** [YWYL08, KL06]. **Extending** [DEL+00, GSR96]. **Extensible** [AM89, KL91]. **Extension** [BR96, LLY+24, GWR99]. **External** [CZX+19, NCZG14, NCHW15, TSNS19]. **Extra** [ACC18]. **Extra-Topical** [ACC18]. **Extraction** [CJY+23b, CSJS10, HYLC24, JZ06, LYLS22, MKZPK18, PR16, RL94, SHS+23, SZM+23, WWX+23, MC10a, WX10]. **Extractive** [CLG+23, LRA23, RCR+18]. **Eye** [Jac91].

facet [LWA08]. **Faceted** [MT21, NFZ19]. **Facility** [MK94]. **factoid** [CTM12, Lin07]. **Factor** [NFZ19, ZGF+20]. **Factorization** [CZZ+20, FMSS14, LJHL17, LZG+18, LPLH19, SZS17, WRLD22, ZLW+23]. **Factors** [ACC18, FZSG21, HJZ+23]. **Fairness** [LFW23, SKK24, WMZ+23, WMM+23, WCX24]. **Fairness-assurance** [WCX24]. **Fairness-Aware** [WMM+23]. **Fairness-centric** [LFW23]. **Faithfully** [XZT+24]. **Fake** [AZK12, LPYM23, LW20]. **False** [MMCC+21]. **False-positive** [MMCC+21]. **family** [DWLW09]. **Fano** [PV17]. **Fast** [ABB+15, AL13, BC11, CJY23a, DLA15, DLN+16, Man97, MZ96, NTV22, SNZBY00, WZB04, ZTM+17, CFGM02, HZW02, ZHC+13]. **FASTER** [WCX24]. **Favorite** [GCL+21]. **Feature** [CWZ+20a, CXZ+21, CLM+22, HZF+23, HWN+19, SCG+19, XLW+22, YCL+23, ACS08]. **Feature-aware** [CXZ+21]. **Feature-Based** [CWZ+20a]. **Feature-Level** [CLM+22]. **Features** [LPY94, MAL16, ZZT+21, dODMS20, GBMS99, MSOH13]. **Federated** [IYC+23, LPYM23, LWH+23, ZLW+23]. **Feedback** [DLA15, Dun97, LMZ+23a, LPLH19, MYHL11, MHZ16, MCL+12, NSVB18, Oos23, RK19, RRS95, VHJC11, WC21a, CRG02, CZJ07, JGP+07, WRJV05, ZCD06]. **Felicity** [KM97]. **Few** [DPSH23, LLG+23, LLZ+21, ZK20, GMR09]. **Few-shot** [LLG+23, LLZ+21]. **Fidelity** [HWD13]. **Field** [Ack98, PR16, QFZ+19]. **figure** [GWLC06]. **figure-of-merit** [GWLC06]. **figures** [BM12]. **File** [CZ93, Man97]. **Files** [LL89, LR96, MZ96, ZRT91, ADCU08, BB10, HDPM08]. **Filter** [GWL+24, AL13, CL07]. **Filtering** [AARC20, CCCD19, CLPM20, CQL+24, CDM15, DHY+19, GXTL14, LCX+19, LLZ+21, LXG+23, MNZ19, MMLP97, NTV22, PYC+19, WHL+16, WRLD22, WLL+23a, XLL+23, XHW+19, YLYT23, ZLL+20, ZDW+22, DC10, HKTR04, Hof04, HCZ04, IH07, TKD09, WdVR08, ZKG08]. **Filters** [Row96]. **financial** [SC09]. **Finding** [Mar94, SBM+17, VB98, UCH03]. **Fine** [CSR+20, CL18, CL19, CCZ+23, MZG+24, XPL+24]. **Fine-Grained** [CSR+20, CL18, CCZ+23, XPL+24, CL19]. **Finite** [CCVR17]. **First** [GCF+22]. **First-Stage** [GCF+22]. **Físchlár** [LSOS06]. **Físchlár-News** [LSOS06]. **Fish** [ABW93]. **Fit** [FC17, QZX+20, IH07]. **FITE**

[PTKJ07]. **Flexible** [DC92, HM90, Tom89, ZTM+17, BJS99, SNZBY00]. **Flow** [LLM22]. **Flow-Based** [LLM22]. **FNED** [LW20]. **Focused** [FAZC12, ACM+02]. **Follow** [CLG+23]. **Footprint** [WRLD22]. **Footprints** [GZW+18]. **Force** [SHS+23]. **Force-Directed** [SHS+23]. **Forest** [IC16]. **Forgetting** [HLC+20]. **Form** [AARC20, HEA90, BKGM+02]. **Formal** [Gru92, AF07, GFWK04]. **formalisms** [GBMS99]. **formalization** [SM99]. **Formation** [RFB+24]. **Formative** [ERG+89]. **Formulae** [SMGM11]. **Formulation** [CFFK22, MC14a]. **Forums** [NZW+14, ACS08]. **Forward** [DLA15]. **Fractal** [BF98, Koi95]. **Fractal-Based** [Koi95]. **Frames** [OG94]. **Framework** [BHH+16, BA18, CML+21, CJY+23b, CGB+15, DXZ+22, DGMG23, DZX+23, DC92, GCL+21, GR12, HHC+23, HLNS98, LCJ+16, LYLS22, LLX+22, LL23a, LPYM23, LCNY23, MTKY92, MZG+24, MHZ16, MCL+12, PYF+92, SKK24, SZZL23, SYSW24, SLZ+24, VL90, WLL+23a, WMM+23, XPSC24, XZT+24, YDXW21, ZWRL19, ZCZ+23, ZGCC18, ZDZ23, CL06, CCC09, DWLW09, DDH+09, EKK99, KL00, MR10, SSCT09, XC05]. **Fraud** [ZLH+22, ZWL+22]. **free** [MC10a]. **Frequency** [PR16, PTKJ07, HO07, SV99]. **Frequency-based** [PTKJ07]. **Frequent** [BCFG15, CGB19]. **Frequently** [HY20]. **full** [Leh06, MRYGM01]. **full-text** [Leh06, MRYGM01]. **function** [CRG02, CBZ11]. **functional** [WSBC01, BSV09]. **Functions** [BGI24, Coh97, FCDH91, Fuh89, IC16]. **Funnelling** [EMS19, MPS23]. **Further** [GTW+18]. **Fusing** [LYN+21]. **Fusion** [APCC15, AK18, BGI24, LWL+24, WZW23, ZWZ+22]. **Future** [CDW+23, Ols89, ZZL+23, ZLL+22]. **fuzzy** [BC13]. **Gain** [DGMG23, JK02, KL06]. **Gain-based** [DGMG23, JK02]. **Game** [MHR22]. **Games** [ZWT+23]. **Gap** [AMS20, WTS+08]. **garbling** [DM07]. **Garden** [Ack98]. **Gated** [XZZ+22]. **Gaussian** [LBC+19]. **GCN** [MHLH23]. **GDESA** [QDZW23]. **General** [AFF+19, CGB+15, DXZ+22, Gul96, HJZ+23, JTL+17, MTKY92, YE18, ZZL+15, ZWT+23, CW02]. **General-Purpose** [AFF+19, YE18, CW02]. **generalization** [CL03]. **Generalized** [MPS23, XPSC24]. **Generate** [ZSN+22]. **Generated** [DGMG23]. **Generating** [CLG+23, LCL+23a]. **Generation** [BC14, DLZ+22, GCR+21, JSL+24, MLL+24, QZS+24, RCR+21, SZZL23, SLW+20, SWZ+22, ZGF+20, ZGC+22, ZCZ+23, ZCS+23, AL13, CC05, RBV09]. **Generative** [CSJ+24, LMW+21, TQN+23]. **Generator** [LYZ+23]. **Generic** [LLX+22, LPYM23, SYSW24]. **genomic** [Wil05]. **Genre** [YHYO01]. **Geographic** [HY20]. **Geographical** [LZG+18]. **Geolocation** [CL18, CL19]. **geometrical** [CHS99]. **geometry** [HZSL13]. **GeoMF** [LZG+18]. **Geoparsing** [MK16a, MKZPK18]. **Georeferencing** [VST+14]. **Geosemantics** [MK16a]. **Geospatial** [TGS16]. **Geotagging** [MKZPK18]. **Gerard** [Ano96b]. **Get** [Jac91]. **Getting** [CR92]. **Global** [CH96, WNS+17, ZLWW22, CRNZ+03]. **GMRES** [WW10]. **GNN** [TQN+23, WZHY24]. **GNN-Based** [WZHY24, TQN+23]. **GNNs** [WLW+24a]. **goal** [DZX+23]. **Gold** [STC+24]. **good** [GMR09]. **Goods** [WLZW21]. **Google** [WW10]. **Gould** [Gru92]. **GPS** [WZC+17]. **Gradient** [YZZS24, ZWX+23]. **Gradient-balanced** [YZZS24]. **Grained** [CSR+20, CL18, CCZ+23, XPL+24, CL19, LMW+24]. **Gram** [PV19]. **Grammar** [BBT92]. **Grammar-Defined** [BBT92]. **Grammars** [BK90, RS93]. **Grams**

[Coh97, SHN17]. **granularity** [SLZ+24, YLS+11]. **Graph** [APCC15, BLH+22, CQF+23, CSR+20, DXZ+22, FLW+23, GLL+23, HRY+22a, HRY+22b, HML+23, LLN22, LHL23, LMMO23, LXG+23, MHLH23, MAP+22, PCC+22, PCCC22, PBS22, PZD+22, PL94, QGW+24, QHLY20, SHS+23, TLS+22, WWX+23, WZW+19, WL22, WLL+23a, WZZ+24b, WZY+24, WZHY24, XZZ+22, XZH+22, XLL+23, XXDW24, YCG+24, YHS+21, YMZ+22, YZS+24, YLYT23, YOM24, YHS+12, ZSY+21, ZLH+22, ZCZW22, ZWZ+22, ZLY+22, ZZY+23, ZJW+24, ZDW+22, ZXZL23, ZWC+23, HHC+10, LWSA10, MC10b, PH07, ZHD+22]. **Graph-Based** [APCC15, BLH+22, MAP+22, ZSY+21, ZCZW22, ZZY+23]. **Graph-guided** [ZLY+22]. **Graph-Regularized** [CSR+20]. **graph-walk-based** [MC10b]. **GraphHINGE** [JDZ+22]. **Graphical** [VL90, CDF01]. **Graphs** [YMZF22]. **GRAS** [PMPJ11]. **Greedy** [LCL+17, QDZW23]. **Greene** [Gru92]. **Grounded** [FTZZ23, ZKJW22, MLL+24]. **Grounding** [MK16a]. **Group** [ASV91, CSB21, GYC+22, LMZ23b, OOSC93, SKK24, TLS+22, XPL+24, TkWW99]. **Group-Based** [XPL+24]. **Groups** [LM90, CSJS10]. **Groupwork** [OOSC93]. **Grudin** [Wie92]. **Guest** [LH94, MS93]. **Guided** [LCX+19, MLZ+22b, PZD+22, WLM+21, XCG+23, ZLY+22]. **GVoS** [JTL+17].

HAL [YWYL08]. **Hand** [SZ93]. **handheld** [BKGM+02]. **Handling** [Mye90, PV19, SM95, Owe02]. **Happy** [Mar94]. **Harp** [LL99]. **Harvesting** [SMN+16]. **Hash** [FCDH91]. **Hashing** [CJN20, Coh97, HHC+23, ZZL+22, ZWL+23, ZHC+13]. **HDM** [GPS93]. **Healthcare** [YLW+23]. **heavily** [LHSC11]. **Help** [CE89, VAJR22, Bod04]. **Heterogeneity** [SAK+23]. **Heterogeneous** [CQF+23, CLPM20, EMS19, FZH+22, GLL+23, HCC+16, JDZ+22, LLY+24, MPS23, PYC+19, SSY+17, TLKW16, WZZ+23, WWN22, YHS+21, ZWZ+22, ATW00, CGMP99, Leh06]. **HGAT** [YHS+21]. **hidden** [GIS03, IG08, JZ06]. **hidden-web** [IG08, GIS03]. **Hierarchical** [CSR+20, CZX+22, CS94, GYC+22, LYZ+23, LWH+23, QGW+24, WWX+23, XC24, ZZD+20, ZY21, ZWL+22, ZCLX22, BFF+03, GGMW03]. **Hierarchies** [BRS92, LM90]. **Hierarchy** [Yan15, ZHL+22]. **Hierarchy-based** [ZHL+22]. **High** [BS12, DC92, FC91, LJHL17, OS96, RL94, WZW+19, YMZF22, ZK20, HZSL13]. **High-Level** [DC92, OS96]. **High-Order** [LJHL17, WZW+19, HZSL13]. **High-performance** [BS12]. **High-Precision** [RL94]. **High-Quality** [YMZF22]. **High-recall** [ZK20]. **highly** [KM13, MWYL01]. **Hilbert** [CCVR17]. **Historical** [CJY23a, TP05, FPSO06]. **History** [LLT+21]. **HMM** [CCC09]. **HMM-based** [CCC09]. **Hoc** [DLA22, CGM05, KL09]. **Holistic** [MNP+21b]. **Home** [Ols89, UCH03]. **Human** [All91, BHH+16, Jac91, NFZ19, SSY+17, SZ93, Wil98, YXL+23, ZZZ+16, GKL+07]. **Human-Computer** [Jac91, SZ93]. **HYB** [BC11]. **Hybrid** [AK18, BGI24, CML+21, HJZ+23]. **Hyper** [HCY+20, HO07, SM99]. **Hyper-Network** [HCY+20]. **hyper-object** [SM99]. **hyper-parameters** [HO07]. **Hyperbolic** [WLT+22, ZCS+23]. **Hyperdocuments** [SFR98]. **Hyperedge** [GYC+22]. **Hyperform** [WL97]. **Hypergraph** [CXZ+21, WS90]. **Hypergraph-based** [WS90]. **Hypergraphs** [WLL+23b]. **hyperlinks** [KL10, LS02]. **Hypermedia** [Bul95, HLNS98, LZ96, MC94, SLHS93,

UY89, WL97, ATW00, BHMW07, dOTM01]. **HyperSoRec** [WLT+22]. **Hyperspherical** [FLMD22]. **Hypertext** [CE89, GPS93, KL91, Rad92, STSM95, SF89, Tom89, WR98]. **Hypertext-Based** [CE89]. **Hypertexts** [BRS92].

ICF [CLM+22]. **identification** [AC08, PTKJ07, SSCT09]. **Identify** [PHK12]. **Identifying** [BRS92, MJH15, SMGM11]. **identity** [AC08]. **identity-level** [AC08]. **IDF** [SHN17, WLWK08]. **IF** [CDR21]. **Image** [CLZ+14, GR95, NWZC12, SLZ+19, VB98, WZL+19, CZJ07, EKK99, EKK00, HJZL09, KKS+08, TMT06, XLW+22, ZCD06, ZRZ02]. **Images** [CCZ+19, GR96, dODMS20]. **Impact** [BACF17, CST+23, MTC21, RABC22, RZM24, EJ03, SV99, TkWW99]. **Impacts** [JYM13]. **imperfect** [Owe02]. **Implementation** [CW94, KEL95, TGL+97, WW94]. **Implementing** [DC92]. **Implicit** [CMZ+23, DYL+20, LZLM19, NSVB18, SZM+23, FKM+05, JGP+07, WRJV05]. **Importance** [LYN+21]. **Imprecise** [Mor90]. **Improve** [HL17, HCC+16, FKM+05, LLC03]. **Improved** [BBMN+08, CCVR17, CPL15, FMSS14, CDH+09]. **Improvement** [GS91]. **Improves** [VAJR21]. **Improving** [CRG02, DYL+20, ES13, HCC+17, MZLK11, MRC+23, MC10b, RBCT14, XC00, PPGK04]. **in-memory** [TS10]. **Incomplete** [KC95]. **Inconsistencies** [Coo95]. **Incorporating** [ASST05, MZLK11, MWA+24, MBST17, WZC+17]. **Incremental** [ADCU08, Can93, SM99, PSPBY10, TM10]. **indefinite** [WMZ10]. **Independence** [DLA22]. **independent** [TFS+12, UCH03]. **Index** [Ano93, Ano96a, Ano97, BC14, Cro98, DLA15, TM20, AOU12, BC11, MRYGM01]. **Index-Based** [BC14]. **Indexes** [MPM22, PV17, BS12, FBN+12, WZB04]. **Indexing** [FB91, HCC14, MZ96, STSM95, SMGM11, WXLC13, ZNL+17, CM10, EKK00, HSS+09, KO98, QZXP06, TKD09, TMT06]. **Indices** [PR16]. **Induced** [LCL+23b, NCHW15, KL10]. **Inductive** [CQF+23, FP94, ZYY+21]. **Industry** [HE91]. **Infer** [TLKW16]. **Inference** [Cum14, HGBY16, KJA20, LHH+19, LYZ+23, TC91, WY95, ZYW+23, ZZZ+16, TL03]. **Inferior** [RK19]. **Inferring** [GZW+18, LRZ+17]. **Influence** [GRSD+16, JMZ22, LLBS18, NGMD17, VFA17, WLFT18]. **Influences** [CACW23]. **Influencing** [ACC18]. **Influential** [FZSG21]. **Inform** [TBCW20]. **Information** [AM89, AMS20, APCC15, All89, Ano94a, APJL20, ACC18, BVKS08, BK90, CE89, Can93, CCC+12, CJY23a, CWL+20, CHBS15, Coo95, CV98, Cro89b, CPL15, DGMG23, EMG11, FTZ11, FZH+22, FMSS14, FCDH91, FEL22, FAZC12, FP94, FR97, JMSV92, JVA+15, JDZ+22, JSHS96, KMPS21, Koi95, KC95, KC92, Kwo90, Kwo95, LCJ+16, LPC+23, LZM+19, LWH+23, LMMO23, LZ96, MZLK11, MWA+24, MMST17, MKF91, MAH24, MH89, Mor90, MMLP97, MBJK90, Na15, OS96, OG94, PBJ+16, PR04, PSL16, QHLY20, QHCY22, RABC22, RRS95, RL94, RN96, RP98, Row96, Ruh94, RS97, SL95, SM95, SZM+23, TY22, TLS+22, THT12, TKD09, TL14, VKD21, VdRK18, VSS17, WW94, WY95, XPSC24, YMZ+22, YTD13, ZHY14, ZK20, dR19, ASST05, AV02, BCD+08, BBMN+08, BDS04, CML00, CRNZ+03, CdMRB01, Car12, CGMP99, Coh00, CGM02]. **information** [FG04, GBMS99, HT99, HO07, HZSL13, KMdRS06, KKS+08, KNS04, KO98, KL09, LBS08, LA08, MR10, MC10a, Mel08, MC10b, Owe02, PMPJ11, PPGK04, PH07, PGD07, PSDB99, SS08, TLJ+07, Wil05,

WSBC01, XC00, YLS+11, ZL04]. **Information-Seeking** [VKD21]. **information-theoretic** [CdMRB01, MR10]. **Informative** [HCC+16, LCL+23a]. **Informed** [XXDW24]. **Ingredients** [FEL22]. **Inhibition** [AC19]. **Initiative** [VKD21, KKS+08]. **Inner** [BNIL24]. **Innovation** [WBP+16]. **Input** [CMR91, KMKO92, Mye90]. **Insights** [GTW+18]. **Instability** [LMZ20]. **Install** [ZWL+22]. **Instance** [NLL+24]. **Integrated** [BA18]. **Integrating** [ASV91, CHS99, CDZ+23, CSB21, FC17, MHZ16]. **Integration** [Bul95, FR97, HE91, IKG93, Coh00, GBMS99]. **Intelligent** [HZG20, LLY+24, MMLP97, QZS+24, SQZ+22, SSGC89, GBMS99, Owe02]. **Intent** [RPE+18, SLW+24, SYX+17, ZCLX22, LWSA10]. **Intention** [LZZ+23, WMZ+21]. **Intentions** [CDR21, XZY21]. **Inter** [HE91, KKB10]. **inter-document** [KKB10]. **Inter-Organization** [HE91]. **inter-passage** [KKB10]. **Interaction** [All91, CDZ+23, CCZ+23, Jac91, JVA+15, JDZ+22, MLK+18, MTC21, SZ93, ZWZ+22, ZWX+23, ZCS+23, CC03]. **Interaction-aware** [ZWX+23]. **Interactions** [HYH15, SZM+23, ZLWW22, ZAK+23, GKL+07]. **Interactive** [GWL+24, HM90, LMW+14, RPE+18, SLX+24, WC21a, WBB+90, XTF+21, ZJW+24, MLDGH04, ZFL+07, CL06]. **interchange** [GBMS99]. **Interdependence** [HE91]. **Interest** [AC18, AK18, LJHL17, MPS07, MZG+24, RABC22, YCZ+16, CRC+22, XC24]. **Interest-based** [MPS07]. **Interesting** [ZHD+22]. **Interests** [GZW+18, LRZ+17]. **Interface** [Gru92, HSH90, HM90, MR92, PCD92, PSDB99, SS93, TM91, Wie92]. **Interfaces** [CS94, DC92, KN93, SE91]. **Interleaved** [HWD13, CJRY12]. **Interleaving** [CSZD15]. **Intermediary** [SSGC89]. **Internet** [CDR21, LLC03]. **interoperability** [PR04]. **Interpersonal** [IKG93]. **Interpretable** [LRA23, LLZ+22]. **Interpreting** [WLWK08]. **intersection** [CM10]. **Intervals** [Web13]. **Interview** [SQZ+22]. **Interviews** [QZS+24]. **Intrinsic** [RBCT14]. **Introduction** [BYFM06, BCD+08, Cro89a, HKS+21, HRY+22a, HRY+22b, Kli94, Kon04, SL95, WLS+17, Wil05, YSXK23a, YSXK23b]. **Invariant** [LZWZ24]. **invariants** [PH07]. **Inverted** [KNCLO17, MZ96, TM20, ADCU08, BB10, CM10]. **Investigating** [SGJ22, TBCW20]. **Investigation** [RJB89, RS93, CZJ07]. **IR** [Fuh99, GP00, JK02, TCMC21]. **Isometric** [CCVR17]. **Issue** [BKWZ15, Cro89a, HKS+21, HRY+22a, HZF+23, Kli94, PBJ+16, SL95, WLS+17, YSXK23a, BYFM06, LdJKR12]. **Issues** [LL89, BSST03, MPHS03]. **Item** [CWZ+20b, DK04, DSZ+23, LWP+21, SYSW24, WMZ+21, WLT+22, WQL+19, XZY21, XHW+19, YCS+14, ZLL+20, ZCS+23, ZCLX22]. **Item-** [SYSW24]. **Item-based** [DK04, XHW+19]. **Items** [CWZ+20a, HCC+17, LLW+21, LFW23]. **Itemsets** [BCFG15, CGB19]. **Iterative** [XZZ+22, ZWMH19]. **iVIBRATE** [CL06].

January [Mar07]. **Job** [QZX+20, QZS+24, SQZ+22]. **Join** [BF98]. **joins** [Coh00]. **Joint** [BLWJ15, CCCD19, LZG+18, LLBS18, NLF+20, SQZ+22, XLW+22, YLZW22, YCZ+16, PTS13]. **Jointly** [CHN+17, MLZ+20, OSV19, YSZ+17, ZLL+22]. **Judge** [ZZH+18]. **Judgment** [RZM24, ZDZW23]. **Judgments** [GTW+18, RLS+24, SWL+23, Wil98]. **Judicious** [ZNL+17]. **June** [Mar08b]. **Justification** [WAL+21].

Kabiria [CFP95]. **Keeping** [AARC20, BCD+08]. **Key** [LPC+23]. **keyblock** [ZRZ02]. **keyblock-based**

[ZRZ02]. **keyphrase** [WX10]. **keys** [HZW02]. **Keyword** [ZGCC18]. **Keywords** [YDW22]. **Kinematics** [CV98]. **KNET** [CGB+15]. **Know** [SGJ22]. **Knowledge** [AMS20, ACM+02, BWS+17, CFP95, CZX+19, CSJ+24, CACW23, CGB+15, CSZ+22, CCZ+23, DXL+22, FTZZ23, HLW+24, HQZ17, HLC+20, LHL23, LZZ+23, MHLH23, MLL+24, MZG+24, MLZ+22b, MBJK90, QGW+24, Ruh94, SSGC89, SSY+17, TSNS19, Tuz95, WZW+19, Wil98, Won94, WWN22, YZS+24, ZWMH19, ZMK+20, ZKMM23, ZWF+23, ZWC+23, ZCLC23, ZH17, DDH+09, WX10, XC05, YHYO01]. **Knowledge-Aware** [MHLH23, DXL+22]. **Knowledge-Based** [CFP95, SSGC89, Tuz95, Won94]. **Knowledge-Enhanced** [AMS20, MZG+24, ZWF+23, CSJ+24]. **Knowledge-Guided** [MLZ+22b]. **Korean** [ANW17]. **KR** [MHLH23]. **KR-GCN** [MHLH23].

Label [ES13, WL22, ZZD+20, YZZS24]. **Labeling** [AZK12]. **Lake** [AARC20]. **Language** [AAL+20, ANW17, CSJ+24, CJY23a, CPL15, GR96, JSHS96, KJA20, LMZ+23a, MK16b, TL14, Tuz95, ZHW+22, ZGC+22, Coh00, ES98, FBN+12, FG04, KL09, KL10, Owe02, TLJ+07, TFS+12, XHYY09, ZL04]. **language-dependent** [TFS+12]. **language-independent** [TFS+12]. **Languages** [SW94, ACS08, KMdRS06]. **Large** [CJRY12, CS94, CTH+13, Gla97, KC15, LMDZ20, MP20, NLF+20, SC19, VKD21, VFA17, VB98, WXLC13, ZTM+17, BC13, BJL+07, CW02, CL06, EKK00, SSCT09, YKHW06]. **Large-Alphabet** [MP20]. **Large-Scale** [CTH+13, LMDZ20, NLF+20, SC19, VFA17, WXLC13, CJRY12, VKD21]. **Last** [ZK20]. **late** [GL05]. **Latency** [BACF17, TM20]. **Latent** [BLWJ15, CGB19, Hof04, LHH+19, LZWZ24, LLBS18, QWZ+15, WXLC13, KO98, PR09]. **Latinne** [EMS21]. **lattice** [CSLN10]. **lattice-based** [CSLN10]. **Law** [PSL16, ZDW+22]. **Layers** [ZSY+21]. **LBSNs** [LMZ23b]. **LCARS** [YCS+14]. **LDA** [ZHD+22]. **LDA-based** [ZHD+22]. **Leadership** [CSB21]. **Leakage** [JSZL23, XYW+23b]. **Lean** [Ruh94]. **Learn** [HSYX22]. **Learned** [MTL23, PCD92]. **Learning** [AMS20, AAL+20, AYWM21, ADW94, CZZ+17, CSR+20, CGB+15, CSZ+22, DXZ+22, DZX+23, DMUN19, DSZ+23, EMS19, FZSG21, FZH+22, FC17, FTZZ23, FB91, FP94, GCL+21, GYC+22, GLG+23, HLW+24, HLL+17, HCC+16, HWL+24, HLC+20, HSYX22, IC16, ISW92, JMZ22, JDZ+22, JZZW24, LWSA10, LZC23, LZWZ24, LWL+24, LCNY23, MC94, MLZ+20, MZG+24, MCL+12, MPS23, MLZ+22b, NXF+24, NZW+14, NLF+20, Oos23, PCC+22, PS05, QLNY19, QZS+23, QGW+24, RSD+13, RYC+20, RZCG+10, SC19, SHS+23, SQZ+22, SLX+24, SSZ+23, SSY+17, SCG+19, SZM+23, TSNS19, TLKW16, UA22, WLW+24a, WNS+17, WC21a, WZZ+24b, WQL+19, XLW+22, XCG+23, XLL+23, XYZ+23, YW15, YLZW21, YLZW22, YE18, YDXW21, YZZS24, ZZT+21, ZWRL19, ZYY+21, ZLL+22, ZCZW22, ZDZW23, ZWF+23, ZBYH23, ZJK+24, ZZH+18, ZHC+20, ZCLX22, ZHRK23, AAGY01, CL03, CS99, HJZL09, LCH07, LLG+23, MSOH13, SZC+23, SC03, GWLC06]. **Learning-Based** [SC19, YDXW21, HLW+24, XLL+23, ZZT+21]. **Learning-enhanced** [WLW+24a]. **Learning-to-Rank** [IC16]. **legacy** [LL99]. **Legal** [MWA+24, SWL+23, SLW+24, YMZ+22, ZDZW23]. **LegalGNN** [YMZ+22]. **Length** [Na15, QDG+24]. **Lessons** [PCD92, LWA08]. **Level** [CLM+22, DC92, OS96, XZY21, AC08, HYLC24, SYSW24, ZLS+23, ZYW+23].

Levels [ZZH+18]. **Leveraging** [BACF17, CCZ+19, FAZC12, ZSN+22]. **Lexical** [KC92, LL23a, PPGK04]. **libraries** [GFWK04, LL99, SNS+05]. **Library** [EGL+97]. **lies** [PR04]. **Life** [Mar94, CCC09]. **Lifestyle** [ZZZ+16]. **Lifestyle-Based** [ZZZ+16]. **Lifetime** [ZWT+23]. **LightFR** [ZLW+23]. **Lightweight** [YLZW22, ZLW+23, ZCLC23, BFNP10]. **likelihood** [KT05]. **Limited** [ZAL+16]. **linear** [Non13]. **linear-time** [Non13]. **Lingual** [EMS19, JTS16, MPS23, XZZ+22, GNN+10]. **linguistic** [CHS99]. **Link** [CP13, SG14, YMZF22, ZMK+20, CRNZ+03, LM01]. **Link-Based** [YMZF22]. **link-structure** [LM01]. **Linking** [CFC+19, LCL+17, LGQL19]. **Links** [ZHC+20, KL10]. **Lists** [ABCZ21, SKK24, SKC16]. **Listwise** [IC16, WHL+16]. **LkeRec** [YLZW22]. **Load** [MAH24, PSPBY10, PSPBY10]. **Load-driven** [PSPBY10]. **Local** [CRNZ+03, CWZ+20a, LPC+23, LJQY19, Row96, SZS17, WNS+17, ZLWW22, XC00]. **Locality** [dMdSsdA+08]. **Locality-Based** [dMdSsdA+08]. **Localization** [CTH+13, HWL+24]. **Localized** [WLL+23a]. **Locating** [ZK20]. **Location** [CS16, LZG+18, MKZPK18, MPT21, WLFT18, WHFG92, YE18]. **Location-Aware** [CS16, WLFT18]. **Log** [JTS16]. **Logic** [Tuz95]. **Logical** [BSST03, HYLC24, ISL95]. **Logical/Physical** [ISL95]. **Logs** [LHG+12, BJL+07, GNN+10, LOP+13, WNZ02]. **Long** [GCN+19, LPC+23, XPL+24, YZZS24, ZLF+17, TZP22]. **Long-** [XPL+24]. **Long-tailed** [YZZS24]. **Look** [Jac91]. **Loose** [WC21b]. **Loss** [YZZS24]. **Low** [LJQY19, SZZL23]. **Low-rank** [LJQY19]. **Low-Resource** [SZZL23]. **M3GAT** [ZJW+24]. **Machine** [LPY94, TL14, WLM+21]. **Machine-Readable** [LPY94]. **Machines** [LPLH19]. **Magnitudes** [MMST17]. **Mail** [RP98]. **Make** [CR92]. **Making** [EGL+97, OG94, Won94, BDS04, WLWK08]. **MAN** [HLW+24]. **Management** [AM89, HEA90, LAL+17, WLZW21, ZHZ+19, BBMN+08, BVKS08, BJS99, DEL+00, Mar08a, MC10b]. **managing** [HDPM08]. **Manipulation** [HSH90, PL94]. **Manner** [SSZ+23]. **manuscript** [Mar08a]. **Many** [RLS+24]. **Mapping** [YC94]. **Market** [LCJ+16, SC09, WMJ05]. **market-based** [WMJ05]. **Markets** [GGRF23]. **Markov** [JZ06, YGZ15]. **Marks** [LPYM23]. **Massive** [PGW+17, PV19, CC03]. **Match** [SW90, VB98]. **Matching** [AARC20, DXZ+22, KJA20, LL23a, MKF91, MJH15, MH89, MPT21, XPL+24, XXDW24, ZLF+17, CKC07, LCH07]. **matrices** [GCT99]. **Matrix** [CZZ+20, FMSS14, LZG+18, LJQY19, SZS17, ZLW+23, KO98]. **Matters** [LLT+21]. **maximal** [GWLC06]. **Maximization** [GRSD+16, VFA17, WLFT18]. **maximizing** [CL03]. **Maximum** [BNIL24, CZZ+17, GP00, KT05]. **May** [Mar07, Mar08b]. **Me** [YHY+17]. **Meal** [YHY+17]. **Meaningful** [GCR+21, ZFL+07]. **means** [BGQT07]. **measure** [WMZ10]. **Measurement** [BA18, GR12, MBST17, MZ08]. **Measures** [FFM17, Fer17, RJB89, RZM24, SZ21, FKM+05, KL06]. **Measuring** [LXLZ16, TL03, AV02]. **mechanical** [HDPM08]. **Mechanism** [CST+23, HCY+20, ZYW+23, BJS99]. **Media** [VST+14, LW20, LBC+19, MK16a, MKZPK18, PBJ+16, WZC+17, ZLL+22, ZY21, CDR10, GC92]. **mediated** [LWA08]. **Medical** [AZK12, Luz12, WH09]. **Medication** [BLH+22]. **Medicine**

[ZWF+23]. **Medium** [ACC18, Mar94]. **Meet** [ZAK+23]. **meetings** [Luz12]. **Meets** [ZLW16]. **MEGA** [CL03]. **MEGCF** [LXG+23]. **Memoriam** [Ano96b]. **Memory** [Ack98, AC19, HLW+24, NCZG14, NCHW15, ZHZ+19, EBR08, TS10]. **Memory-Augmented** [ZHZ+19, HLW+24]. **Mental** [TBCW20]. **merge** [SC03]. **MergeDTS** [LMDZ20]. **merging** [SZ09]. **merit** [GWLC06]. **merits** [Mar08a]. **Message** [KM97, Zha21]. **Meta** [BHH+16, CSZ+22, KMPS21, LLG+23, LZW21, LWL+24, NXF+24, SZC+23, SS08, NXF+24]. **Meta-CRS** [NXF+24]. **Meta-evaluation** [LZW21]. **Meta-Framework** [BHH+16]. **Meta-Information** [KMPS21]. **Meta-Learning** [CSZ+22, LWL+24, NXF+24, LLG+23, SZC+23]. **metadata** [RBV09]. **Metagraphs** [FZH+22]. **Metaphorical** [SGZ+24]. **Metasearch** [DH97, MWYL01]. **Method** [EMS19, HYZ+23, Koi95, LMDZ20, LGQL19, SZ93, YC94, ZZD+20, ZLW24, FSC07, MWYL01, PRP05, PH07, QZXP06, SC03]. **Methodologies** [SLZ+19]. **methodology** [FCD02, SNS+05]. **Methods** [APCC15, AK18, CSZD15, DLA15, GCC12, HT99, HWD13, MC94, WWHX23, ZZL+23, CS99, SS08, TFS+12, ZL04, dMdSsdA+08]. **Metric** [CCVR17, ES98, LMW+21, PLR+22, ARSZ03]. **Metric-Aware** [PLR+22]. **Metrics** [BRS92, LZW21, MMCC+21, Pal15]. **MFoM** [GWLC06]. **Micro** [LWL+24, QDG+24]. **Micro-Video** [LWL+24, QDG+24]. **Microblog** [ZNL+17, ZHC+20]. **Microblogging** [MCF+17]. **Microtask** [WNWL+21]. **MiDTD** [LYLS22]. **Minimal** [FCDH91]. **Minimizing** [OSV19]. **Minimum** [Yan15]. **Mining** [AARC20, HL17, HZSL13, HHC+10, KLHK13, WLS+17, WC21b, YHS+12, ZH17, LCH07, LCL04, WZZ04]. **Misidentified** [Coo95]. **Misinformation** [ZAL+16]. **Mitigating** [LFW23, MAP+22]. **Mixed** [KKS+08, VKD21]. **Mixed-initiative** [KKS+08]. **MLI** [ZYW+23]. **MMALFM** [CCZ+19]. **Mneme** [Mos90]. **Mobile** [AZCC21, AK18, BWS+17, DCT+17, Guy18, HYH15, HL17, LAL+17, TZP22, TZP23, USN+17, WLS+17, WLG+17, WDG17, YSZ+17, YZW+17, ZML+19, ZWL+22]. **Mobility** [SSY+17]. **Modal** [HWL+24, CJN20, LXZ+22, XLW+22, ZBYH23, ZJW+24, ZZL+22, ZWL+23]. **Modality** [GCL+21]. **mode** [HJZL09]. **Model** [AZBC20, CZZ+17, CSJ+24, CJY23a, CH96, CDM15, CPL15, FCL+23, FP00, GPS93, KMKO92, LCX+19, LLM22, LXW+17, LLZ+21, MO12, MMLP97, Mye90, NB97, PL94, QWJ+24, RN96, SFR98, SWZ+22, TBC96, Tom89, TC91, WS90, XZH+22, XZT+24, YGZ15, YZZS24, ZWMH19, ZGF+20, ZMK+20, ZZZ+16, ZHD+22, ZML+19, ZWL+22, ZCLX22, AF07, BFF+03, GFWK04, LLPT10, PZMRN05, RR98, SS08, TKD09, XHYY09, YLS+11, dOTM01]. **Model-agnostic** [XZT+24]. **Model-Assisted** [CH96]. **Model-Based** [TBC96]. **Model-driven** [FP00]. **Modeling** [BHH+16, BLWJ15, BKR97, CHN+17, CML+21, Coo95, CCZ+23, DLZ+22, DCT+17, DHY+19, GCH+19, Gul96, GCN+19, HRY+22a, HRY+22b, ISL95, LDW+17, LZG+18, LLBS18, LZLM19, LWH+23, RPE+18, SLHS93, SG14, WXLC13, WHL+22, WA22, WY95, XZY21, XC13, YGZ15, YSZ+17, YE18, YCZ+16, ZLWW22, ZHY14, ZXZL23, ZH17, BBD11, PGD07, RSD+13]. **Modelling** [ZXZL20]. **Models** [CWZ+20b, CWZ+20a, CQL+24, Cum14, DLA22, DRdR23, DL16, FTZ11, GCF+22, JDZ+22, LMZ+23a, LZW+20, MNP+21b, PARS22, QWZ+15, RBM23, SQZ+22, TBCW20, WRLD22, WZG+23b, WZG+23a, ZHW+22, ZOML24, ZWrWZ23, AV02, Bod04, CKC07, GP00, Hof04, JZ06,

KSNM10, KL09, KL10, LA08, MSOH13, RZCG+10, WdVR08, WRJV05, ZL04]. **modes** [IH07]. **modular** [TMT06]. **Moment** [HWL+24]. **Monitoring** [CTH+13]. **Monitors** [GH96]. **Monte** [LCL+17]. **Morphological** [CMR91, CGB+15]. **Motion** [DG95]. **Mouse** [APJL20]. **Movements** [Jac91]. **Movie** [KEL95, ZSN+22]. **MR** [SGLS93]. **MRC** [CJY+23b]. **MUADDIB** [RSG09]. **Multi** [CRC+22, CJY23a, CCZ+23, DLZ+22, DZX+23, FTZZ23, GCL+21, GC92, GLG+23, HYZ+23, HJZ+23, JDA+22, LLT+21, LXZ+22, LMZ23b, LYN+21, LGQL19, LPLH19, MAP+22, MZG+24, PBS22, PZD+22, QFZ+19, SCG+19, SZM+23, SLZ+24, WWX+23, WZW23, WZZ+24b, WZY+24, WMM+23, XTF+21, XCG+23, XPSC24, YLZW21, YCG+24, YLW+23, YZZS24, YRC23, ZWRL19, ZZD+20, ZLL+22, ZWZ+22, ZWF+23, ZLS+23, ZYW+23, ZCZ+23, ZJW+24, ZDW+22, ZWrWZ23, ZZL+22, HL10]. **Multi-annotator** [ZWRL19]. **Multi-aspect** [WZZ+24b]. **Multi-auxiliary** [YRC23]. **Multi-Behavior** [MZG+24, YCG+24]. **Multi-Channel** [LPLH19, SLZ+24, WWX+23]. **multi-document** [HL10]. **Multi-evidence** [YLW+23]. **Multi-factors** [HJZ+23]. **Multi-Field** [QFZ+19]. **Multi-goal** [DZX+23]. **Multi-granularity** [SLZ+24]. **Multi-Graph** [ZWZ+22]. **Multi-Interest** [MZG+24, CRC+22]. **Multi-Label** [ZZD+20, YZZS24]. **Multi-level** [ZLS+23, ZYW+23]. **Multi-media** [GC92]. **Multi-modal** [LXZ+22, ZJW+24, ZZL+22]. **Multi-Modality** [GCL+21]. **Multi-Objective** [PBS22, SCG+19, WMM+23, JDA+22]. **Multi-party** [WZW23]. **Multi-pattern** [LMZ23b]. **Multi-perspective** [DLZ+22]. **Multi-Relational** [CCZ+23, PZD+22, ZDW+22]. **Multi-Response** [YLZW21]. **Multi-Sided** [MAP+22]. **Multi-Stage** [LYN+21]. **Multi-Stakeholder** [WMM+23]. **Multi-strategy-based** [HYZ+23]. **Multi-target** [GLG+23]. **Multi-Task** [ZWF+23, DZX+23, SZM+23, XCG+23, XPSC24, ZLL+22, ZJW+24]. **Multi-Turn** [GCL+21, LLT+21, CJY23a, FTZZ23]. **Multi-types** [XTF+21]. **Multi-View** [WZY+24, ZWrWZ23]. **Multi-View-Based** [LGQL19]. **Multidimensional** [GH96, ASST05, QZXP06]. **multidisciplinary** [Luz12]. **Multidocument** [MLDGH04, YW15]. **Multilevel** [MMLP97]. **Multilingual** [BCFG15, CGB19, JTS16, KMKO92, LZG21, ZOML24, KSNM10]. **Multimedia** [CJN20, RRS95, ZZL+22, DDH+09, MR10, ZHC+13]. **Multimodal** [CSJ+24, JDA+22, LXG+23, LWL+24, MYHL11, TQH15]. **Multiple** [Car12, CH96, DPSH23, FC17, FFM17, LZWZ24, LPY94, MC14a, MK94, NGMD17, SMN+16, WLT+22, WMC+23, Wil98, XZY21, ZLL+22, ACS08, CRG02, GWR99, MSOH13]. **Multiuser** [DC92]. **multivariate** [LA08]. **Music** [CS16, MO12, WZY+24, PH07, SPKW11, SSCT09]. **MWI** [BCFG15]. **MWI-Sum** [BCFG15]. **MyrrorBot** [MNP+21b].

N [SC19]. **Name** [All89]. **Named** [LCH07, PTS13]. **Names** [SMGM11]. **Narrative** [ZSN+22]. **Natural** [AAL+20, GR96, KJA20, ZGC+22, ES98, FBN+12, Owe02]. **Natural-Language** [GR96, ES98]. **Navigation** [AKFA15, BBMN+08, MS01]. **Near** [CTH+13, JTL+17, NGMD17, HHC+10, LHSC11]. **Near-Duplicate** [CTH+13, JTL+17, HHC+10, LHSC11]. **Near-Optimal** [NGMD17]. **nearest** [KZP10]. **Need** [LMW+23, RLS+24, SGJ22, YTD13, LWA08]. **Needs** [FEL22, KMdRS06]. **Negative**

[CMZ+23, Mar94, WC21a, WC21b, WLL+23b, WZZ04]. **Negotiation** [CW94, LWA08]. **neighbor** [KZP10]. **Neighborhood** [JDZ+22, PZD+22, WX10]. **Nested** [PL94]. **Nested-Graph** [PL94]. **Net** [SF89]. **Nets** [OS96]. **Network** [CQF+23, CXZ+21, DXL+22, GGR22, GLZ+24, HCY+20, HML+23, JDZ+22, Kwo95, LLZ+22, LZZ+23, LW20, LWP+21, LLY+24, MHLH23, MAL16, QZX+20, SLW+20, WWX+23, WZY+24, XHX+22, YCG+24, YSZ+17, YMZ+22, ZHW+22, ZJW+24, ZY21, ZDW+22, ZWE+22, FCD02, LLPT10, XC05]. **Network-based** [ZHW+22, FCD02]. **Network=based** [TC91]. **networked** [Fuh99, PSDB99]. **Networks** [DCT+17, FLMD22, FZH+22, FC17, GRSD+16, GLL+23, HGBY16, HE91, HLW+24, HQZ17, LHL23, LLBS18, MTC21, MLZ+20, PZD+22, QHLY20, QFZ+19, RCR+18, SMN+16, TLKW16, TLS+22, UY89, VFA17, WL22, WHL+22, XZZ+22, XXDW24, YSZ+17, YHS+21, ZAL+16, ZTM+17, ZLH+22, ZYW+23, ZGCC18, ZDW+22, ZXZL23, CGM05, KNS04, RBV09]. **Neural** [CQF+23, CCCD19, CZZ+20, CXZ+21, DXL+22, DHY+19, GLL+23, HQZ17, KJA20, LLX+22, LYN+21, LMMO23, MPT21, PZD+22, QZX+20, QHLY20, QFZ+19, RFB+24, RCR+18, SLW+20, TLS+22, VdRK18, WL22, WZHY24, WZG+23b, WZG+23a, XZH+22, XPSC24, YSZ+17, YMZ+22, YLYT23, ZHW+22, ZLH+22]. **News** [HLL+17, HJZ+23, LW20, LXLZ16, LMZ20, MYL+23, MK16a, WWHX23, XPL+24, ZLF+17, LSOS06, SC09, LSOS06]. **Next** [CSZ+22, LHH+19, LJAdR23, LCNY23, SLZ+24, XC24, XZY21, ZHL+22, ZLL+20, ZCLX22]. **Next-Item** [ZLL+20, ZCLX22]. **NIR** [XPSC24]. **NIR-Prompt** [XPSC24]. **Node** [LZWZ24, WHL+22]. **Nodes** [MLZ+20, NB97]. **Noise** [CQL+24, ZWRL19]. **Noise-aware** [ZWRL19]. **Noisy** [GTW+18]. **Non** [CMZ+23, CJY23a, DLN+16, GLZ+24, BM02, QZXP06]. **non-affiliated** [BM02]. **Non-autoregressive** [CJY23a]. **Non-Oblivious** [DLN+16]. **non-ordered** [QZXP06]. **Non-overlapping** [GLZ+24]. **Non-sampling** [CMZ+23]. **Nonlinguistic** [SCL+22]. **Nonmatching** [Dun97]. **nonordered** [KZP10]. **Nonparametric** [YCZ+15]. **Nonuniform** [HCY+20]. **nonverbal** [Luz12]. **Normalization** [Na15, HO07]. **normalized** [KT05]. **Note** [Gru92]. **Novel** [LMW+21, MS01, PRP05, PH07, SSCT09]. **Novelty** [SLX+24]. **NSP** [WC21b]. **number** [KFS10]. **Numeral** [MP20]. **Nutrient** [YHY+17]. **Nutrient-Based** [YHY+17].

Object [AM89, GSR96, JSHS96, KBGW91, MT21, MH89, Mos90, Sci89, SÖ90, SM99]. **Object-Oriented** [AM89, GSR96, JSHS96, KBGW91, SÖ90]. **Objective** [IC16, PBS22, SCG+19, UA22, WMM+23, JDA+22]. **Objects** [PL94, Gla04, GL05]. **Oblivious** [DLN+16]. **obtained** [PTKJ07]. **Occurrences** [BKR97]. **OCR** [DM07, TBC96]. **October** [Cal12]. **OED** [BBT92]. **Office** [CFP95, GZC89, PBF+89]. **Offline** [AYWM21, GZW+18, JMO22, JSZL23, LCY21, RZM24, TSNS19, ZLF+23]. **On-Device** [XYW+23a]. **Once** [NGMD17]. **One** [CLPM20, PYC+19, IH07, WTS+08]. **One-Class** [PYC+19, CLPM20]. **one-size** [IH07]. **Online** [AYWM21, CP13, CL07, GGRF23, GZW+18, LMDZ20, MCF+17, MCL+12, MNP+21b, TSNS19, WZW23, ZLWW22, ZAL+16, ZXZL20, ZZH+18, ZWT+23, ZZL+22, CC03]. **Ontological** [MSR04]. **Ontology** [YLW+23]. **Ontology-aware** [YLW+23]. **Open** [HZG20, LMW+21, LLN22, LCL+23a,

MLZ+22a, PYF+92, WWX+23, BHMW07, MPHS03]. **Open-Domain** [LLN22, LCL+23a, MLZ+22a, HZG20, LMW+21, MPHS03]. **operators** [EJ03, GCT99]. **Opinion** [FAZC12, GCC12, ACS08]. **Opinions** [NSK+20]. **Opportunities** [MJH15]. **Optical** [FC91]. **Optimal** [FC91, NGMD17]. **Optimality** [Row96]. **Optimization** [WMM+23]. **Optimizing** [JMD20]. **Optimum** [Fuh89]. **Oracle** [NWZC12]. **Order** [CLG+23, FCDH91, LJHL17, WZW+19, HZSL13]. **Ordered** [MPM22, QZXP06]. **Ordering** [STC+24]. **Organization** [HE91]. **Organizational** [Ack98, BB93, KL00]. **Organizations** [CZ93, OG94]. **organized** [JDA+22]. **Organizing** [HDPM08]. **Orientation** [UY89, TL03]. **Oriented** [AM89, DXZ+22, GSR96, HGBY16, HSH90, HWN+19, JSHS96, KL91, KBGW91, QZS+24, SÖ90, WHL+16, ZHZ+19, KL06, SGZ+24]. **our** [BVKS08]. **out-of-vocabulary** [WKF+12]. **Outcome** [MLK+18]. **Outdoor** [dODMS20]. **OutdoorSent** [dODMS20]. **Output** [KMKO92]. **Oval** [MLF95]. **overlapping** [GLZ+24]. **Overview** [BKWZ15, PBJ+16, THT12].

Package [ZWX+23]. **Packages** [Ruh94]. **Page** [JDA+22, LGRK18, BKGM+02, UCH03]. **PageRank** [BSV09, KL10, WTS+08, WW10]. **Pages** [ANW17, STC+24]. **Pair** [CJY+23b, BS12]. **Pairwise** [YMZF22, ZMK+20]. **Palmtop** [FZC93]. **Paper** [LCPD19, ZZD+20]. **Paper-Reviewer** [ZZD+20]. **PARADE** [LYM+24]. **paradigm** [CDH+09]. **paradox** [KM13, JMO22]. **Parallelism** [MKF91]. **Parallelization** [PGW+17]. **Parallelized** [YHS+12]. **parameters** [Bod04, HO07]. **Parity** [YXL+23]. **Parser** [MH89]. **Parsimonious** [YE18]. **parsing** [CHS99]. **Part** [HRY+22a, HRY+22b, YSXK23a, YSXK23b]. **Partial** [SGJ22]. **Partially** [LM90]. **Participant** [LLBS18]. **Partitioned** [CZ93, LL89, LR96]. **Partitioning** [ZRT91, QZXP06]. **Parts** [RK19]. **party** [WZW23]. **Passage** [LYM+24, LYN+21, TM19, KZSD99, KKB10]. **Passages** [MNP+21a, JZ06]. **Patent** [MC14a]. **Path** [LL23b, ZWC+23]. **Pathway** [UA22]. **Pathways** [YLW+23]. **patient** [Luz12]. **Pattern** [LHH+19, MKF91, VB98, WC21b, CKC07, LMZ23b]. **Patterns** [CHBS15, RN96, IM05]. **Peer** [CGM02, LLZ+22, THT12, CGM05, KNS04]. **Peer-to-Peer** [THT12, CGM02, CGM05, KNS04]. **people** [Tee08]. **Perception** [LMW+23, WLZW21]. **Perceptual** [AC19]. **perCLTV** [ZWT+23]. **Perfect** [FCDH91]. **Performance** [ASSC22, ABW93, BMMC19, Cum14, DGMG23, FKS19, GH96, LL89, MPHS03, NWZC12, RJB89, SKC+12, SKC16, TM20, VAJR22, BS12, CML00, FPSO06, KFS10, PF03]. **Permission** [WLG+17]. **Perseus** [MC94]. **persistence** [PPGK04]. **Persistent** [Mos90]. **Person** [LXZ+22, NLL+24, QZX+20]. **Person-action** [NLL+24]. **Person-Job** [QZX+20]. **Personal** [AZCC21, GZW+18, HJZ+23, YDW22, BCD+08, BBMN+08, BVKS08, HDPM08, MKR04, MC10b, SS08]. **Personalised** [LCPD19]. **Personalization** [ZYY+21, ZHD+22]. **Personalized** [ABCZ21, AC18, BTP24, DLZ+22, GCN+19, LJHL17, LZC23, LZLM19, LXG+23, MNP+21b, PLR+22, SZZL23, TLS+22, WZW+22, WWHX23, XPL+24, YHY+17, YDXW21, YDW22, ZWT+23, MPS07, XHYY09, LLT+21]. **Personalizing** [BLH+22]. **personally** [ZFL+07]. **Perspective** [ZZY+23, DLZ+22, HDPM08, PVGM11]. **Perspectives** [Kli94, NFZ19]. **Perturbation** [YLYT23]. **pervasive**

[ACM+02]. **Petri** [OS96, SF89]. **Phases** [ZLW24]. **Philosophy** [DC10]. **Phone** [Res93]. **Phone-Based** [Res93]. **phrase** [WZB04]. **Physical** [ISL95, WNS+17, YTD13, BSST03]. **PIC** [GCT99]. **PicASHOW** [LS02]. **Pictorial** [MTKY92, LS02]. **Piggyback** [CFC+19]. **Pitfalls** [LMZ+23a]. **Placement** [FC91]. **places** [ZFL+07]. **Placing** [FGM+02]. **Platform** [CHN+17, LQJ+24]. **Plus** [SS93]. **PocketLens** [MKR04]. **POI** [CSZ+22, JMZ22, LHH+19, LCNY23, QLNY19, QWJ+24, SLZ+24, ZHL+22, ZLW16]. **Poincaré** [GLL+23]. **Point** [AC18, LJHL17, RABC22, XC24, YCZ+16, ZCS+23]. **Point-of-Interest** [LJHL17, RABC22, YCZ+16, XC24]. **Points** [AK18]. **Points-of-Interest** [AK18]. **Pointwise** [IC16]. **POIs** [HY20]. **Poisoning** [TQN+23]. **Policy** [DRdR23, MLL+24, ZWX+23]. **Policy-driven** [MLL+24]. **Pólya** [CPL15]. **Polynomial** [Fuh89]. **PONE** [LMW+21]. **Pooled** [STZ22, STC+24]. **popular** [BM02]. **popularities** [AOU12]. **Popularity** [GGRF23, LFW23, MMCC+21, MCF+17, SLX+24]. **portals** [FSC07]. **Position** [HML+23, Oos23, KFS10]. **Position-Enhanced** [HML+23]. **Positional** [QHCY22]. **Positive** [LPLH19, WC21a, WLL+23b, MMCC+21, WZZ04]. **Positive/Negative** [WC21a]. **Posterior** [EMS21, WKF+12]. **Potential** [LXLZ16, PHK12]. **Power** [LPC+23, PSL16, RLS+24, SW94, ZDW+22]. **Power-law** [ZDW+22]. **Practical** [Non13, WZG+23a, CC05]. **Practices** [ZOML24]. **PRADA** [WZG+23a]. **praise** [TL03]. **Pre** [AARC20, HYZ+23, LPC+23, LMMO23, WLL+23a, WZZ+23]. **Pre-Filtering** [AARC20]. **Pre-ranking** [LPC+23]. **Pre-training** [HYZ+23, LMMO23, WLL+23a, WZZ+23]. **Precision** [PGD07, RJB89, RL94, MZ08]. **Predicate** [CGMP99]. **Predict** [NSVB18]. **Predicting** [LCJ+16, SKC+12, SAD24, ZLL+22]. **Prediction** [CP13, Cum14, DGMG23, FHW+19, LLZ+22, LQJ+24, MCF+17, MAL16, MPT21, NWZC12, QFZ+19, SZC+23, SKC16, SMN+16, SYX+17, TZP22, TZP23, TM20, WLZW21, YZW+17, ZM14, ZMK+20, ZDZW23, ZKMM23, ZWT+23, RSD+13, SC09, WdVR08]. **Preference** [ABCZ21, CJZ+16, DLZ+22, DSZ+23, GCL+21, GCN+19, LHL23, LZLM19, MRC+23, SZ21, WZW+19, WLW+24b, Won94, BBMN+08]. **Preference-aware** [LHL23]. **Preference-Based** [Won94, SZ21]. **Preferences** [CZT+23, CVS21, DL16, IYC+23, LAL+17, SZ21, SZC+23]. **Prefetching** [WDG17, FPSO06]. **Preparing** [Leh06]. **Prescription** [YLW+23]. **Presentation** [LGRK18, BDS04]. **Preservation** [GR12]. **preserve** [CGM02]. **Preserving** [FCDH91, WWN22, ZLW+23, ZBYH23]. **Pretrained** [CSJ+24, ZY21]. **preview** [PSDB99]. **Price** [APJL20, CJZ+16]. **Price-per-attention** [APJL20]. **Principle** [Fuh89, DWLW09]. **Principles** [GC92, Lin07]. **Prioritise** [STZ22]. **Prioritization** [ZKJW22]. **Priors** [HCC+16]. **Privacy** [CSR+20, ZLW+23, ZBYH23]. **Privacy-preserving** [ZLW+23, ZBYH23]. **Private** [KBGW91]. **Privilege** [OSV19]. **Proactive** [ZBYH23]. **Probabilistic** [AV02, BB10, Coo95, DL16, FB91, FP94, FR97, KSNM10, Kwo90, Kwo95, MHZ16, MO12, PARS22, WLZW21, WY95, ZHY14, ZZZ+16, ZHD+22, GCT99, GP00, YWYL08]. **Probability** [CV98, EMS21, FC91, Fuh89, DWLW09]. **Probe** [WZC+17]. **Problem** [FLMM91, GGR22, HCZ04, WTS+08, WW10]. **Problems** [ZZH+18]. **Process** [BHH+16, KL91, OOSC93, RN96, YGZ15,

ZCS+23, KL00, RR98]. **Process-Oriented** [KL91]. **Processes** [HCD+23, LBC+19, SM95, KL00]. **Processing** [AAL+20, Can93, KM97, SÖ90, ZLF+17, BS12]. **Product** [AZBC20, BNIL24, GCN+19, PLR+22, QFZ+19, ZJT16, ZCZW22, ZHRK23]. **Product-Based** [QFZ+19]. **Professionals** [Ols89]. **Proficiency** [HLC+20]. **Profile** [AKFA15, FC17]. **Profile-Based** [AKFA15]. **profiles** [CCC09, JD07]. **Profiling** [LLM22, SCL+22, MSR04, SNS+05]. **Program** [JVA+15]. **Programming** [BR96]. **Progress** [DBCJ21]. **Project** [EGL+97, MC94]. **promotes** [KKS+08]. **Prompt** [LZC23, YOM24, XPSC24]. **Prompt-tuning** [YOM24]. **Propagating** [MK16a]. **Propagation** [CQL+24, SZZL23, WL22, WBP+16, ZM14]. **Properties** [SFR98, DEL+00]. **Prospects** [Ols89]. **Protocol** [CW94]. **prototype** [RR98]. **prototypical** [CSJS10]. **PROXHY** [KL91]. **Proximal** [NB97]. **Proximity** [AARC20, CL19, FLW+23, GCC12, ARSZ03]. **Proximity-Based** [GCC12]. **proxy** [HHWL01]. **proxy-based** [HHWL01]. **PRUM** [PGD07]. **pruned** [BS12]. **pruning** [AOU12, BB10, MOT11, dMdSsdA+08]. **Pseudo** [DLA15, LMZ+23a, MHZ16]. **Pseudo-Relevance** [DLA15]. **psychiatric** [YWYL08]. **Psychometric** [AAL+20]. **Public** [NSK+20, ZGN+17, LL99]. **publications** [BM12]. **pure** [HZSL13]. **Purpose** [AFF+19, WLG+17, YE18, CW02].

QProber [GIS03]. **Qualitative** [BDS04, MC14b]. **Quality** [GGRF23, HCC+17, YMZF22]. **Quantitative** [MC14b, ZGN+17]. **Quantum** [ZHW+22]. **Queries** [CFC+19, Guy18, SÖ90, ZLF+17, ZZL+21, ZGCC18, BGQT07, BJL+07, BS12, CGMP99, CDF01, JD07, LCL04, Owe02]. **Query** [ABB+15, BBD11, BTP24, BMMC19, BLWJ15, CRD16, CC01, CH96, CFFK22, Cum14, DGMG23, GS91, JTS16, LYN+21, MTL23, MC14a, MK94, MLP22, NB97, PPPR13, SW94, SPS+06, SKC+12, SKC16, SÖ90, TM20, UCH03, VAJR21, WNZ02, YGZ15, ZZL+22, ZWL+23, AOU12, BJL+07, Bod04, CdMRB01, CL03, DM07, EJ03, FPSO06, FG04, GNN+10, GWR99, GCT99, JGP+07, KMdRS06, LWSA10, LL99, LOP+13, MSOH13, PSDB99, TFS+12, TKD09, XC13, YWYL08]. **Query-Based** [PPPR13, CC01, ZWL+23]. **query-by-example** [TFS+12]. **query-dependent** [MSOH13]. **Query-Drift** [SKC+12]. **Query-independent** [UCH03]. **querying** [MS01, WZB04]. **Question** [CCC+12, GCR+21, HWN+19, LLN22, LYZ+23, LLM22, MAL16, NLF+20, PHK12, QZS+24, TM19, YXL+23, ZWMH19, ZLY+22, ZGC+22, ZK20, CTM12, CKC07, KSNM10, KEW01, Lin07, MPHS03]. **Question-Answer** [CCC+12]. **Question-Answering** [GCR+21, TM19, CTM12, KSNM10]. **Question-based** [ZK20]. **Question-driven** [LYZ+23]. **Question-Oriented** [HWN+19]. **Question-Topic** [NLF+20]. **Questions** [AA16, LCL+23a, NZW+14, Pal15, ZAK+23]. **Quotation** [WZW23]. **Quote** [TWLX18]. **QuoteRec** [TWLX18].

Radically [MLF95]. **Random** [IC16, LCL+17]. **Random-Forest-Based** [IC16]. **Randomise** [STZ22]. **Randomized** [LCL+23b]. **Randomly** [FC91]. **randomness** [AV02]. **Rank** [AYWM21, DXZ+22, DMUN19, IC16, MZ08, Oos23, PYC+19, SCG+19, BM02, DWLW09, LJQY19]. **Rank-biased** [MZ08]. **Ranked** [HCC14, SKK24]. **Ranker** [LMDZ20]. **Ranking** [CBZ11, CDZ+23, DXZ+22, DLN+16, FHW+19, Fuh89, LR96, LRA23, MPM22, MT21, RBM23, SMGM11, WHL+16, WZZ+24a, WZG+23b, WZG+23a,

XTF+21, ZKJW22, ZLY+22, CRG02, CC00, CDZ08, DWLW09, EJ03, KZSD99, KSNM10, LPC+23, PZMRN05, ZLM+23]. **Ranking-Oriented** [WHL+16]. **rankings** [WMZ10]. **Rapidly** [WBB+90]. **Rate** [ANW17, QZS+23]. **Rating** [YZW+17, ZXZL20, WdVR08]. **Ratings** [ABCZ21, CHN+17, CDR10]. **Raw** [GZW+18]. **Re** [SBM+17, TY22, ZLM+23]. **Re-classification** [TY22]. **Re-Finding** [SBM+17]. **Re-ranking** [ZLM+23]. **Readable** [LPY94]. **Reader** [LMZ20]. **Reading** [BHH+16, DPSH23]. **Real** [SYX+17, YCZ+16, ZLW16, ZZL+21, AL13, HSS+09]. **Real-Time** [SYX+17, YCZ+16, ZZL+21, AL13, HSS+09]. **Real-World** [ZLW16]. **Reality** [FZC93, LJAdR23, SGLS93]. **realizations** [DC10]. **Reappraisal** [BB93]. **Reasoning** [HYLC24, LLN22, MHLH23, ZWC+23]. **Reassessment** [EMS21]. **Recall** [RJB89, Web13, PGD07, Tee08, ZK20]. **Recency** [MCL+12]. **Recognition** [ZJW+24, PTS13]. **Recognize** [MYL+23, Tee08]. **Recommend** [NZW+14]. **Recommendation** [AZ12, ABCZ21, AC18, AZCC21, BKWZ15, BLH+22, CQF+23, CHN+17, CJZ+16, CZX+19, CWZ+20b, CZZ+20, CJW+21, CXZ+21, CRC+22, CMZ+23, CZT+23, CS16, CCZ+19, CLM+22, CSZ+22, DSZ+23, FZSG21, FLW+23, FMSS14, GCH+19, GYC+22, GLG+23, GLL+23, GLZ+24, HYZ+23, HKS+21, HRY+22a, HRY+22b, HZF+23, HCC+16, HJZ+23, JMO22, JMZ22, LJHL17, LHH+19, LLW+21, LLX+22, LJAdR23, LZC23, LZZ+23, LZG+18, LMZ23b, LLBS18, LZLM19, LPYM23, LJQY19, LMMO23, LXG+23, LFW23, LWL+24, LCNY23, LPLH19, LCJ+19, LMW+23, LMZ20, MHLH23, MYHL11, MYL+23, MZG+24, PCC+22, PCCC22, PVGM11, PBS22, QLNY19, QZS+24, QWJ+24, QGW+24, QHLY20, QHCY22, QDG+24, RABC22, SC19, SZS17, SLX+24, SSZ+23, SWZ+22, SYSW24, SLZ+24, TWLX18, TLS+22, WLW+24a, WC21a, WMZ+21, WLT+22, WZZ+23, WZW23, WMC+23, WLW+24b, WZZ+24b, WZY+24, WQL+19, WLL+23b, WMM+23, WWHX23, XYW+23a, XZH+22, XC24, XZY21, XPL+24, XZT+24, XHW+19, XYZ+23, YLZW22, YCG+24, YMZ+22, YCL+23, YZS+24]. **Recommendation** [YZW+17, YLW+23, YRC23, YOM24, YCZ+16, YSXK23a, YSXK23b, YFSO24, YCZ+15, ZHL+22, ZZL+23, ZLL+20, ZLWW22, ZLW16, ZZD+20, ZSY+21, ZCZW22, ZWZ+22, ZWF+23, ZLW+23, ZJK+24, ZDW+22, ZDZ23, ZXZL23, ZLF+23, ZWC+23, ZWX+23, ZWE+22, ZWrWZ23, ZCLX22, DK04, IH07]. **Recommendations** [GXTL14, HL17, HCC+17, HML+23, LCPD19, LHL23, WZW+22, WAL+21]. **Recommended** [HY20]. **Recommender** [CCCD19, CDW+23, CST+23, CSB21, DBCJ21, DZX+23, DYL+20, GWL+24, HSYX22, IYC+23, JSZL23, JZZW24, LZG21, LCL+23b, MZLK11, MAP+22, MMCC+21, MLZ+22b, NXF+24, RYC+20, SAD24, TQN+23, WZW+19, WMZ+23, WZZ+24a, WCX24, XHX+22, XYW+23b, YHY+17, YCS+14, ZZY+23, ZQC+23, ASST05, HKTR04, Kon04, MSR04, MKR04, RSG09, WMJ05]. **Recommenders** [MRC+23]. **Recommending** [CWZ+20a]. **Reconciling** [GGRF23]. **Recovery** [DG95]. **Recruitment** [QZX+20]. **Recursive** [AZK12, Coh97]. **redesign** [KL00]. **Reduce** [AMS20, PSPBY10]. **Reducing** [GKL+07]. **reduction** [GMR09]. **redundancy** [Lin07, SSS11]. **redundancy-based** [Lin07]. **Redundant** [Row96]. **Referees** [Ano95]. **Reference** [SKC16]. **refinding** [BCD+08, EBR08]. **Refining** [MCL+12]. **Reflection** [XHX+22]. **Reflection-Augmented** [XHX+22]. **Reformulation** [BLWJ15, GS91, XC13].

reformulations [JGP+07]. **ReFRS** [IYC+23]. **Region** [ARSZ03]. **Regression** [DLN+16, LZW+20]. **Regularization** [ZSY+21]. **Regularized** [CSR+20, WXLC13]. **Regulation** [WBP+16]. **Reinforced** [FTZZ23, PZD+22]. **Reinforcement** [FLW+23, SLX+24, YDXW21, ZZT+21]. **Related** [FEL22, JTL+17]. **Relation** [AZBC20, HYLC24, LYLS22, LL23b, SHS+23, SQZ+22, ZYY+21]. **Relation-Enhanced** [SQZ+22]. **Relational** [CCZ+23, FHW+19, FR97, PZD+22, BJS99, ZDW+22]. **Relations** [RCR+18, WMZ+21, ZCZW22, ES98, MC10a]. **Relationship** [ZJT16]. **Relative** [DGMG23]. **Relevance** [Bod04, DXZ+22, DLA15, Dun97, LMZ+23a, LLZ+21, MMST17, MC14a, MYHL11, MHZ16, MHR22, RK19, RBCT14, RLS+24, STZ22, SKK24, SWL+23, Wil98, EJ03, PTL08, WdVR08, WLWK08, ZCD06]. **Relevant** [LK20, LCL+23a, ZK20, JZ06, KFS10]. **Reliability** [MHR22]. **Relieving** [SLX+24]. **remote** [HHWL01]. **Repeatable** [JBCF07]. **Repetition** [SE91]. **Replicates** [VSS17]. **reporter** [ZKG08]. **reporter-based** [ZKG08]. **reporters** [ZKG08]. **Repository** [CTH+13, YHYO01]. **Representation** [CSR+20, CZX+22, CDZ+23, CACW23, FZH+22, GYC+22, HSH90, HYLC24, LZWZ24, LYM+24, LL23a, MLZ+22b, PL94, QLNY19, RS93, SQZ+22, TSNS19, WQL+19, YLZW21, YLZW22, ZZD+20, ZCLC23, ZHRK23, Coh00, KL00]. **Representations** [AMS20, GLG+23, LWP+21, MTL23, MLZ+20, Ruh94, TL14, WLT+22, XTF+21, XYZ+23, ZHC+20]. **Representative** [SZS17]. **Representative-Based** [SZS17]. **Representing** [HSH93, MBJK90]. **Reproducibility** [DBCJ21]. **reputation** [ZKG08]. **Requests** [ACC18]. **Reranking** [LCPD19, LYM+24, LZM+19, TM19, HHC+10, KKB10, KL10, MC10b]. **Research** [Cro89b, DBCJ21, MAH24]. **Residual** [LK20, SZC+23, YCG+24]. **Resource** [IYC+23, MC14b, SZZL23, AAGY01]. **Resource-efficient** [IYC+23]. **Respond** [GCL+21, YLZW21]. **Response** [BACF17, FTZZ23, LMW+24, LLT+21, MLL+24, QFZ+19, RCR+21, Wie92, XTF+21, YLZW21]. **Responsible** [WBP+16]. **Responsiveness** [OSV19]. **Result** [LYS+17, LZM+19, WDG17, ZLM+23, SZ09]. **Results** [LGRK18, MC94, MCL+12, NTV22, QDZW23, ZZL+21, BM12, EJ03, FPSO06, HHC+10, KKB10, SC03, Tee08]. **RESUS** [SZC+23]. **Rethinking** [FCL+23]. **Retrieval** [AMS20, ABB+15, BGI24, CE89, CCC+12, CFP95, CJN20, CR95, Coo95, CDM15, CV98, CPL15, DLA15, DLA22, DMUN19, EMG11, FTZ11, FKS19, FCDH91, Fuh89, FP94, FR97, GC92, GCC12, GR95, GR96, GCF+22, HCC14, JYM13, KBD89, KC92, Kwo90, Kwo95, LLT+21, LPC+23, LYN+21, LL23b, LZ96, MWA+24, MMST17, MKF91, MAH24, MH89, MO12, MZ96, Na15, PARS22, PSL16, RJB89, RRS95, Row96, SZ21, SGJ22, SWL+23, SLW+24, SW90, SL95, TBC96, THT12, TL14, TC91, VHJC11, VdRK18, VSS17, VAJR22, WY95, XLW+22, XTF+21, XPSC24, YLZW21, YC94, YMZF22, ZNL+17, ZBYH23, ZOML24, ZHY14, ZZL+22, ZWL+23, ZK20, ADCU08, AV02, BYFM06, CML00, CRG02, Car12, CSLN10, CC00, Cro06, DM07, EKK99, FG04, GMR09, HO07, HJZL09, HZSL13, HCZ04, KL06, KNS04, KO98, KL09, LBS08, LHSC11, LA08, MR10]. **retrieval** [MLDGH04, Mel08, MZ08, PMPJ11, PMD01, PRP05, PH07, PGD07, PTL08, SV99, TLJ+07, TKD09, Wil05, WSBC01, XC00, YLS+11, YWYL08, ZL04, ZCD06, ZRZ02, Cro89b]. **Retrieval-Based** [LLT+21, YLZW21, XTF+21]. **Retrieve** [QZS+23]. **Retrieved** [FC91, KFS10].

Retrievers [LMZ+23a]. **Reusable** [XZT+24]. **reuse** [Tee08]. **Review** [GCH+19, GCF+22, LLZ+22, LZG21, MAH24, MMO21, OSV19, WZZ+24b, ZGC+22, ZLW24, Mar08a]. **Review-Aware** [GCH+19, LZG21]. **Review-enhanced** [WZZ+24b]. **Reviewer** [ZZD+20, Mar08a]. **Reviewers** [Cal12, dR19, Mar06, Mar07, Mar08b, ACM03]. **Reviewing** [LK20]. **Reviews** [CCZ+19, LK20, ZJT16, ZXZL23, ZK20]. **revision** [LBS08]. **Revisited** [MNW98, FGM+02]. **Revisiting** [CMZ+23, ZZY+23, ZLF+23]. **Rewriting** [LYN+21, CGMP99]. **Rich** [Ruh94]. **Risk** [SCG+19, WLZW21, WA22]. **Risk-Sensitive** [SCG+19]. **RLPS** [YDXW21]. **Road** [ZGCC18]. **Robust** [CQL+24, CJN20, HHC+23, Oos23, PPPR13, SZ09, WZG+23b, YLYT23, EKK99, GWLC06]. **Robustness** [DRdR23, FCL+23]. **Role** [FLMM91, Koi93, Ruh94, WHL+22]. **Roles** [GSR96]. **ROM** [KBD89]. **Routing** [FLW+23, Pal15, PSPBY10]. **RST** [AA16]. **RST-Based** [AA16]. **Rules** [ADW94, CDR21, PTKJ07, WZZ04]. **Rumors** [MK16a]. **Rumour** [LBC+19].

Saerens [EMS21]. **Safe** [JMD20]. **SAGE** [SNS+05]. **Salient** [CJY23a]. **SALSA** [LM01]. **Salton** [Ano96b]. **sample** [SZ09]. **sample-based** [SZ09]. **Sampler** [CJW+21]. **Sampling** [CZZ+20, CMZ+23, LK20, ZKMM23, CC01]. **Sampling-Based** [ZKMM23]. **Satisfaction** [SAD24, WZL+19]. **scalability** [KM13]. **Scalable** [FZH+22, LZG+18, MWYL01]. **Scale** [CTH+13, LMDZ20, NGMD17, NLF+20, SC19, VFA17, WXLC13, ZNL+17, ZHC+20, CJRY12, VKD21, YKHW06]. **Scaling** [KEW01, YMZF22]. **Scenario** [CR92]. **scenarios** [GFWK04]. **Schema** [AARC20, RR98]. **Scheme** [APJL20, LM90, Man97, CW02]. **schemes** [PS05]. **Scholars** [Ruh94]. **Science** [Kli94, NFZ19]. **scientific** [BM12]. **Score** [Cum14, MTL23, SZ09]. **Score-at-a-time** [MTL23]. **scraps** [BVKS08]. **Screenshots** [USN+17]. **Script** [ZSN+22]. **Scrutability** [XZT+24]. **SEA** [CDH+09]. **Seamlessly** [LLW+21]. **Search** [AZBC20, ASSC22, AC16, AC19, BACF17, BMMC19, BKWZ15, BNIL24, CWL+20, CSZD15, CHBS15, CCVR17, CLZ+14, DH97, FEL22, GS91, GCN+19, Guy18, HYH15, HKS+21, HHC+23, JTS16, KMPS21, KC15, LGRK18, LXZ+22, LYS+17, LCY21, LHG+12, LCL+17, LZM+19, LZW21, LMW+14, MT21, MLK+18, MAH24, MBST17, MCL+12, MK16b, NTV22, NWZC12, NFZ19, NLL+24, PLR+22, QDZW23, RBCT14, RCR+21, RPE+18, STZ22, SLZ+19, SSZ+23, SSGC89, TBCW20, USN+17, VKD21, VAJR21, WLY+14, WLS+17, WA22, WZHY24, WH15, WDG17, WZL+19, YGZ15, YDXW21, YDW22, YSXK23a, YSXK23b, YCZ+15, ZTM+17, ZZL+21, ZLM+23, ZHD+22, ZML+19, ZHRK23, ZAK+23, AOU12, ARSZ03, ACM+02, AL13, BBD11, BC13, BBMN+08, BM12, CZJ07, CJRY12, CDZ08, CGM05, EJ03, FPSO06, FGM+02, FKM+05, HSS+09, HHC+10, IH07, JBCF07, JGP+07, KM13, KKB10, Leh06, LS02, LWA08, LOP+13, MPS07, PSPBY10, SC03]. **search** [Tee08, TS10, WH09, XHYY09, ZHC+13, dMdSsdA+08]. **Searcher** [TBCW20, UA22, WRJV05]. **Searchers** [CACW23]. **searches** [GKL+07]. **Searching** [Man97, ZNL+17, KZP10, LdJKR12, LLC03, SNZBY00, MC06]. **Secondary** [MNZ19]. **Secret** [LPYM23]. **Section** [HRY+22b, YSXK23b]. **Seed** [LCX+19]. **Seed-Guided** [LCX+19]. **Seeking** [TY22, VKD21]. **Segment** [CDH+09]. **Segment-enrich-annotate** [CDH+09]. **Segmentation** [JDA+22]. **segments** [CC05]. **Selecting** [DH97, LPC+23].

Selection [AZCC21, DXL+22, FTZZ23, HWN+19, LMW+24, LLT+21, MLL+24, MC14b, PHK12, PZD+22, SCG+19, ZLW24, ACS08, CC03, Fuh99, HT99, IG08, PF03]. **Selective** [KC15, LGRK18]. **Selectivity** [BF98]. **Self** [BF98, JDA+22, JZZW24, MZ96, QDZW23, CGM05, FBN+12, PR09]. **Self-attention** [QDZW23]. **self-correlation** [PR09]. **self-indexes** [FBN+12]. **Self-Indexing** [MZ96]. **Self-organized** [JDA+22]. **Self-Spatial** [BF98]. **Self-supervised** [JZZW24]. **self-supervising** [CGM05]. **Semantic** [AMS20, CGB19, EMG11, GCF+22, HHC+23, HWL+24, LPY94, LL23a, LXLZ16, MPT21, SLHS93, TG10, TM19, WXLC13, WZW23, XCG+23, ZHC+20, dODMS20, FCD02, Hof04, KO98, MR10, PR09, TL03, YLS+11]. **semantic-multimedia** [MR10]. **Semantics** [SF89, WR98]. **Semi** [MP20, YHS+21]. **Semi-Static** [MP20]. **Semi-supervised** [YHS+21]. **Semiconductor** [HE91]. **semidiscrete** [KO98]. **Semisupervised** [HJZL09, SC03]. **Sense** [OG94]. **Sensed** [CLZ+14]. **Sensing** [PGW+17]. **Sensitive** [GC92, SCG+19, CS99, LBS08]. **Sensitivity** [MMO21]. **Sensors** [FC17]. **Sentence** [RCR+18, XXDW24]. **Sentiment** [ACS08, BHH+16, FCL+23, HQZ17, LLG+23, LZG21, ZJW+24, ZH17, dODMS20]. **Sentimental** [FAZC12]. **Separate** [HYLC24]. **September** [Cal12]. **Sequence** [ZCLC23, ZCS+23, KT05]. **Sequence-aware** [ZCLC23]. **Sequences** [HCC14, Zob06]. **Sequencing** [CR95]. **Sequential** [CRC+22, CSZ+22, FZSG21, GLL+23, HSYX22, HML+23, MRC+23, PLR+22, RN96, SYSW24, WC21a, WMZ+21, WC21b, WMC+23, XYZ+23, ZKJW22, ZCZW22, ZWrWZ23]. **Sequential-Knowledge-Aware** [CSZ+22]. **SERP** [RCR+21, SZ21]. **SERP-based** [RCR+21]. **server** [HT99]. **service** [DDH+09, FSC07]. **service-based** [DDH+09]. **ServiceFinder** [FSC07]. **Services** [MNP+21b, JBCF07]. **Session** [CML+21, PCC+22, PCCC22, QHCY22, RBCT14, SGJ22, WLW+24a, WZY+24, WCX24, XYW+23a, YGZ15, YFSO24, QHLY20]. **Session-Based** [QHCY22, WZY+24, XYW+23a, PCC+22, PCCC22, QHLY20, WLW+24a, WCX24, YFSO24]. **Sessions** [SE91]. **Set** [PZMRN05, CM10, GMR09]. **Set-based** [PZMRN05]. **SetRank** [WZZ+24a]. **setting** [HO07]. **Setwise** [WZZ+24a]. **Shallow** [TM19]. **Shards** [FKS19]. **Shared** [IKG93, KBGW91, LM90, ZH17]. **Sharing** [LPYM23, BCD+08, SS08]. **Shell** [VFA17]. **Shift** [DRdR23]. **Shifts** [HE91, LZWZ24, WLW+24b]. **Short** [GCN+19, LDW+17, LRZ+17, LYS+17, XPL+24, YHS+21, ZLF+17]. **Short-Term** [GCN+19, XPL+24]. **Shortening** [BBT92]. **Shortest** [CC00]. **Shortest-substring** [CC00]. **shot** [LLG+23, LLZ+21]. **Shots** [BA18]. **Should** [STZ22]. **Sibyl** [CTM12]. **Side** [FMSS14, LMMO23]. **Sided** [MAP+22]. **SIGIR** [Cro89b]. **Signal** [CDM15]. **Signals** [SYSW24, SLZ+24, WMC+23]. **Signature** [BA18, CZ93, LL89, LR96, ZRT91, CHS99]. **Signature-Based** [BA18]. **signatures** [PPGK04, Zob06]. **Signed** [CXZ+21]. **SIMD** [ZZL+15]. **SIMD-Based** [ZZL+15]. **Similar** [HHC+23]. **similarities** [KKB10]. **Similarity** [BA18, CWZ+20b, CWZ+20a, GR95, MO12, MK16b, YMZF22, ZLL+20, ZTM+17, AC08, ARSZ03, Coh00, EKK99, GGMW03, MC10b, SPKW11, WMZ10]. **Simple** [LYLS22, OOSC93, PCD92]. **Simpson** [JMO22]. **Simulating** [WA22]. **Simulation** [CST+23, SGLS93, VHJC11, ZLM+23]. **Simulation-Based** [VHJC11]. **simulations** [WRJV05]. **Simulators** [SGZ+24]. **singer** [SSCT09]. **Single** [Kwo90, WX10]. **Site**

[AKFA15, IM05]. **Sites** [AZK12, ZLL+22]. **Size** [MT21, IH07]. **Sizes** [FKS19]. **Sketches** [MNZ19]. **skewed** [SV99]. **Skill** [QZS+24, RFB+24]. **Skill-based** [RFB+24]. **Skill-Oriented** [QZS+24]. **skipping** [ADCU08]. **SLED** [ZJK+24]. **Sliding** [LYZ+23]. **Small** [MC14b]. **Small-Document** [MC14b]. **SMAPH** [CFC+19]. **smart** [BSST03]. **smoothing** [ZL04]. **Smoothness** [ZWrWZ23]. **Snippet** [BC14]. **Social** [CP13, CLZ+14, DCT+17, FC17, FMSS14, HGBY16, Kli94, VST+14, LXZ+22, LLX+22, LLBS18, LW20, LBC+19, MZLK11, Mar94, MJH15, MTC21, MK16a, MKZPK18, MAL16, NGMD17, NZW+14, PBJ+16, QWZ+15, RN96, SMN+16, TLKW16, WZC+17, WLFT18, WLT+22, YSZ+17, YTD13, ZAL+16, ZLL+22, ZWZ+22, ZYW+23, ZZZ+16, ZHC+20, ZY21, ZDW+22, CDR10, KL00, LLPT10]. **Social-aware** [WLT+22]. **Social-Sensed** [CLZ+14]. **societies** [GFWK04]. **Society** [WW94]. **Soft** [CKC07, TQH15]. **Software** [Koi93, MR92, Tuz95, ATW00]. **Solutions** [NGMD17, TY22]. **Solving** [FLMM91, WTS+08]. **Some** [Coo95]. **Sorted** [NTV22]. **Sorting** [NCHW15, Non13]. **Sound** [GTW+18, PTL08]. **Soundness** [HWD13]. **Source** [VAJR22]. **Sources** [VST+14, LZM+19, MC14a]. **Space** [CMR91, IKG93, MHZ16, QZXP06, SPKW11]. **space-partitioning-based** [QZXP06]. **Spaces** [VdRK18, ARSZ03, GFWK04, KZP10, QZXP06]. **spam** [CL07, ZKG08]. **Sparse** [BNIL24, MTL23, WZC+17, ZHC+13]. **sparsity** [HCZ04]. **Spatial** [BF98, GR95, Koi93, YCS+14, ZGCC18, ZDZ23, ES98, EKK99]. **Spatio** [WLW+24a, XC24, PMD01, TP05, LLPT10]. **Spatio-temporal** [WLW+24a, XC24, PMD01, TP05, LLPT10]. **Spatiotemporal** [JMZ22, MK16a, QLNY19]. **Special** [BKWZ15, Cro89a, HKS+21, HRY+22a, HRY+22b, Kli94, LdJKR12, PBJ+16, SL95, WLS+17, YSXK23a, YSXK23b, BYFM06]. **Specialization** [Sci89]. **Specific** [Sav12, VL90, CC03, DEL+00, YLS+11]. **Specification** [HM90, JSHS96, OS96]. **Specifications** [Tuz95]. **Spectrum** [NGMD17]. **Speech** [CW94, KM97, LdJKR12]. **Speed** [AC19]. **SPEX** [LLX+22]. **Spidering** [FAZC12]. **Spoken** [CJY23a, Guy18, VAJR21, CSLN10, CTM12, TFS+12, WKF+12]. **Spreadsheet** [ISL95]. **SSD** [WLY+14]. **SSD-Based** [WLY+14]. **Stability** [AZ12]. **Stack** [SZZL23]. **Stack-Propagation** [SZZL23]. **Stage** [GCF+22, LYN+21, Na15]. **Stakeholder** [WMM+23]. **Stance** [LBC+19, ZY21]. **Standards** [Gru92]. **STARec** [JMZ22]. **Start** [CQF+23, HCC+16, SZS17, HYZ+23, HSYX22, LLW+21, WLL+23b]. **statechart** [dOTM01]. **statechart-based** [dOTM01]. **Static** [AOU12, MP20, ZCZ+23, BB10, GL06]. **Statistical** [CSLN10, RLS+24, TL14, Car12]. **statistics** [CFGM02]. **status** [TkWW99]. **Stemming** [PPPR13, XC98, PMPJ11]. **Stepped** [VFA17]. **STEvent** [LLPT10]. **Stickers** [GCL+21]. **Stochastic** [ABB+15, LM01]. **Stock** [FHW+19, LCJ+16, SC09]. **Stop** [LK20]. **Storage** [GC92]. **Store** [Mos90]. **Storing** [KBD89]. **Storm** [JTL+17]. **Story** [NLL+24]. **Strategy** [HJZ+23, WW94, WCX24, HYZ+23]. **Stream** [CTH+13, ZLF+17]. **Streaming** [BNIL24]. **Streams** [GFWK04, LRZ+17, LYS+17, WLFT18]. **Strength** [ZZZ+16]. **string** [HZW02]. **stripper** [MMP+07]. **Structural** [BRS92, JYM13, MWA+24, WHL+22, KL10]. **Structure** [COR13, LZM+19, MH89, NB97, QGW+24, SF89, YLYT23, ZJK+24,

GGMW03, HZW02, LM01, Luz12]. **Structured** [BB93, GZC89, JDZ+22, WR98, BDS04, Cro06, LL99, PGD07]. **Structures** [CZX+22, TGL+97, TM19, BHMW07, GFWK04]. **Structuring** [HSH93]. **Students** [HLC+20]. **studies** [MC10b, WH09]. **Study** [Ack98, CV98, FKS19, JSZL23, JSL+24, MLP22, NLL+24, VHJC11, WW94, WLY+14, ZLF+23, ZL04]. **Studying** [CST+23, KM13]. **Styles** [WAL+21]. **Stylized** [JSL+24]. **stylometric** [AC08]. **Subgraph** [WZZ+23]. **Subspace** [PR16]. **Substitutable** [ZCZW22]. **substrate** [SM99]. **substring** [CC00]. **Substrings** [NCZG14]. **Substructure** [YW15]. **Substructure-Based** [YW15]. **Successes** [LMZ+23a]. **Suffix** [NCZG14, MMP+07, Non13]. **Suffixes** [NCHW15]. **Suggesting** [AK18]. **Suggestion** [MLP22]. **suggestions** [GNN+10]. **SUIT** [PCD92]. **Sum** [DPSH23, RK19, BCFG15]. **summaries** [BGQT07]. **Summarisation** [AKFA15]. **Summarization** [BZCE22, CGB19, LYZ+23, MSMO18, RCR+18, YW15, BKGM+02, HL10, MLDGH04, WX10]. **Summarizer** [BCFG15]. **Summarizing** [BM12]. **Summary** [CLG+23, MC06, ZZL+21]. **SuperBook** [ERG+89]. **Supervised** [LYLS22, SHS+23, CL07, JZZW24, YHS+21]. **supervising** [CGM05]. **Support** [ASV91, KM97, MK16a, TkWW99, TMT06]. **Supporting** [Bie92, Bul95, HYH15, KBGW91, RSG09]. **surface** [KL00]. **Surrogate** [TQN+23]. **Surrogate-based** [TQN+23]. **surrogates** [KKS+08]. **Survey** [CLPM20, CDW+23, JZZW24, MLZ+22a, WMZ+23, ZZL+23, ZQC+23]. **SVM** [HJZL09]. **SWIM** [VFA17]. **Swipe** [NSVB18]. **Synchronization** [RRS95]. **Synopsis** [TM20]. **Syntactic** [HQZ17, MH89, TM19, XXDW24]. **Syntactic-Informed** [XXDW24]. **Syntactic/Semantic** [TM19]. **Synthesizing** [MC14a]. **System** [CE89, CFP95, CDW+23, CH96, CR95, DMUN19, GWL+24, IYC+23, JSZL23, JTL+17, KEL95, KBGW91, LZG21, LCL+23b, LCJ+19, MLZ+22a, MMLP97, NXF+24, OS96, PBF+89, RJB89, SSGC89, WZZ+24a, WHFG92, WL97, XYW+23b, XZT+24, YHY+17, YCS+14, ZLH+22, ZWT+23, CGMP99, CTM12, CC03, FP00, GL06, GIS03, HSS+09, IH07, KFS10, KNS04, LBS08, LSOS06, LL99, MKR04, MPHS03, RR98, RSG09, SC09, TkWW99, TMT06, ZKG08]. **System-Induced** [LCL+23b]. **Systematic** [MLZ+22a, MAH24, RABC22]. **Systems** [ASV91, CP13, CCCD19, CST+23, CSJ+24, CSB21, DBCJ21, DZX+23, DYL+20, FN96, FR97, GSR96, GH96, HZG20, JMO22, JMSV92, JZZW24, JSHS96, KM97, KBD89, LMW+21, LCY21, LCL+23b, LLY+24, LZ96, MZLK11, MAP+22, MJH15, MMCC+21, MP20, Mor90, MLZ+22b, MBJK90, RYC+20, RN96, SC19, SAD24, SÖ90, SGZ+24, TQN+23, Tom89, TM19, WW94, WZW+19, WMZ+23, Won94, WCX24, XHX+22, ZGN+17, ZHZ+19, ZXZL20, ZZY+23, ZZH+18, ZQC+23, ASST05, BJS99, BFF+03, Car12, DEL+00, HKTR04, IH07, Kon04, Mar08a, MSR04, PVGM11, PR04, PSDB99, SS08, WMJ05, All89, dR19]. **systems-based** [Car12].

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[ZGN+17, CZJ07]. **TASC** [TQH15]. **Task** [ABW93, CR92, CWL+20, JVA+15, SGZ+24, ZHZ+19, ZKJW22, ZWF+23, ZDZ23, CDR10, DZX+23, SZM+23, XCG+23, XPSC24, ZLL+22, ZJW+24]. **Task-Artifact** [CR92]. **Task-Based** [JVA+15]. **task-dependent** [CDR10]. **Task-Oriented** [ZHZ+19, SGZ+24]. **Tasks** [HYH15, SC19, TY22, TZP23, LOP+13]. **Taxonomies** [ZZL+23]. **Taxonomy** [CC05, SLW+24, YHYO01]. **Team** [RFB+24, Luz12]. **Techniques** [Jac91, RRS95, SW90, CDZ08, HCZ04, JK02]. **Technological** [OG94]. **Technologies** [HRY+22a, HRY+22b]. **Technology** [LK20, MR92, OG94, RP98, ZJT16, ZK20]. **Technology-Assisted** [LK20, ZK20]. **Tell** [NSVB18]. **Telos** [MBJK90]. **Templar** [Tuz95]. **Temporal** [CL19, FHW+19, JD07, LLY+24, MSMO18, RBM23, Tuz95, WMZ+21, ZCS+23, PMD01, TP05, WLW+24a, XC24, YWYL08, LLPT10]. **Temporality** [JYM13]. **Tendency** [SMN+16]. **Tensor** [LCJ+16, LJHL17, LCJ+19]. **Tensor-Based** [LCJ+16, LCJ+19]. **Term** [BLWJ15, DLA22, GCN+19, LYN+21, XPL+24, ZHY14, AOU12, BS12, CRG02, CZJ07, HO07, PR09, TFS+12, WKF+12, WLWK08]. **Term-Independence** [DLA22]. **term-ranking** [CRG02]. **Terms** [Kwo90, SKK24, BBD11]. **Test** [CW94]. **testing** [Car12, HHWL01]. **Text** [ADW94, ES13, EMS19, HHC+23, HWN+19, KMKO92, KJA20, KBD89, LRA23, LYS+17, LPY94, MLZ+22a, Man97, MZ96, MPS23, RS93, RL94, RBM23, STSM95, SWZ+22, TBC96, XLW+22, YC94, YHS+21, YZZS24, ZLF+17, ZGC+22, BC13, BFNP10, BS12, CC01, CZJ07, CC05, CS99, FBN+12, GWLC06, IG08, JSL+24, KKS+08, Leh06, LCL04, MC10a, MRYGM01, RZCG+10, SC09, SNZBY00, TS10]. **text-based** [CZJ07]. **Text-image** [XLW+22]. **Textbook** [Rad92]. **Texts** [CHN+17, LDW+17, LRZ+17]. **Textstream** [PGW+17]. **Textual** [APCC15, KC15, MAL16, SC09]. **Texture** [VB98]. **TF** [WLWK08]. **TF-IDF** [WLWK08]. **Their** [LAL+17, TY22, WLS+17, WRLD22]. **Them** [ZAL+16]. **themes** [HL10]. **Theoretic** [PBS22, CdMRB01, Fuh99, MR10]. **Theoretical** [MC14b, WW10]. **Theories** [TCMC21]. **Theory** [BK90, ISL95, JVA+15, KM97, Kwo90, MHR22, ZRZ02]. **these** [FEL22]. **Things** [CDR21]. **Three** [CS94, LWP+21]. **Three-tier** [LWP+21]. **threshold** [CCC09]. **tier** [LWP+21]. **Ties** [SHS+23, TLKW16]. **Time** [GRSD+16, HML+23, LJHL17, LMZ23b, LXW+17, MK16b, SYX+17, ZLW16, ZGCC18, ZWC+23, ZML+19, AL13, HSS+09, MTL23, Non13, YCZ+16, ZZL+21]. **Time-Aware** [LJHL17, LXW+17, ZGCC18, HML+23, LMZ23b, ZWC+23]. **Timeline** [CLG+23]. **TISoN** [HGBY16]. **TME** [XCG+23]. **TODOS** [PBF+89]. **TOIS** [All91, Ano94b, Cal12, Mar06, Mar07, Mar08b, ACM03]. **too** [GL05]. **Tool** [CWL+20, CACW23, MLF95, PBF+89, WBB+90]. **Toolkit** [SGLS93, PCD92]. **Tools** [Res93, BVKS08]. **Top** [ABCZ21, CWZ+20b, CWZ+20a, CVS21, LPLH19, SC19, WZZ+23, XHW+19, ZTM+17, ZLF+17, ZLF+23, DK04]. **Top-** [CVS21, SC19, ZTM+17, ZLF+17, ABCZ21, CWZ+20b, CWZ+20a, LPLH19, WZZ+23, XHW+19, ZLF+23, DK04]. **Topic** [BZCE22, BLWJ15, CFFK22, JTS16, LDW+17, LCX+19, LZZ+23, LZW+20, MHZ16, MCF+17, NLF+20, SQZ+22, SG14, WXLC13, WZW23, XZH+22, ZHD+22, GMR09, HL10, RZCG+10]. **Topic-aware** [LZZ+23]. **Topic-based** [BZCE22]. **Topic-graph** [ZHD+22]. **Topical** [ACC18, AAGY01]. **Topics**

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