

Index

- 3D documentation, 32, 106
- 3D models, 15, 93, 95
- 3D objects, 154
- 3D scanning, 93–94
- 3D visualisations, 153, 159

- aboutness, 46, 58, 170
- access affordances, 43, 49, 53, 55, 58, 64–65
- accessibility, 51, 83, 86, 212
- adjacency pairs, 127
- affordances, 170
- annotations, 61, 89, 102
- archival records, 81, 96, 116, 138, 169, 184
- assemblages, 45, 122, 173, 182
- Australian New Zealand Clinical Trials Registry, 99
- auxiliary data, 16, 19, 130, 212
- auxiliary documentation, 51, 154, 159, 162, 167

- big data, 7, 9, 32, 137, 201
- blockchain, 75, 96–97, 109
- by-products. *See* research by-products

- CAPTURE, 6–7, 42, 49, 57, 59, 65, 75–76, 88–89, 108, 117–118, 120, 151–152, 154–155, 165, 217–218
- CAPTuring Paradata for documenTing data creation and Use for the REsearch of the future. *See* CAPTURE
- CIDOC Conceptual Reference Model. *See* CIDOC-CRM
- CIDOC-CRM, 41, 55, 84–85, 141, 165
- classifications, 79
- clinical trial registries. *See* trial registries

- Clinical Trials Information System, 99
- ClinicalTrials.gov, 99
- COAR. *See* Confederation of Open Access Repositories
- codebooks, 48, 99
- computational workflows, 101
- computer forensics. *See* digital forensics
- conceptual models, 12, 41, 165
- Confederation of Open Access Repositories, 79
- controlled vocabularies, 79–80, 109
- Conversation Analysis, 126–128
- CRMdig, 85, *See also* CIDOC-CRM
- CRMInf, 85, *See also* CIDOC-CRM
- CRMpe, 85, *See also* CIDOC-CRM
- CRMsci, 85, *See also* CIDOC-CRM
- cultural artefacts, 92, 134, 218

- data aggregation, 43, 50
- data as a thing, 43
- data authors, 54, 62
- data authorship, 54
- Data Catalog Vocabulary, 83
- data creators, 75–109, 119, 129, 151, 171
- data curation, 16, 98, 106, 152, 165
- data curation process, 48, 80
- data curators, 152, 155, 163
- data custodians. *See also* data ownership
- data descriptions, 41, 45, 77, 80–81
- data dictionaries, 55–56, 77–79
- data documentation, 86, 116, 160–161, 166–167, 171, *See also* research data documentation
- data documentation schemes, 165
- data forensics, 136–138
- data harmonisation, 48, 78, 103, 131
- data linkage, 217

- data literacies, 173
- data management plans, 75, 98
- data managers, 6, 53, 75, 151–153, 171–174
- data model, 25, 32, 83
 - CRMdig, 25
 - PROV, 26
- data ownership, 24, 26, 52, 66, 212
- data points, 76–89, 129–132
- Data Practices and Curation Vocabulary, 80, 89, 109
- data practices and processes, 5, 7, 48, 162, 172
- data producers, 80, 160, 165
- data professionals, 40, 42, 49–52, 54–55, 58, 61
- data provenance, 25, 32, 103
- data publishing, 83, 88, 105
- data reuse, 44–49, 64–66, 104, 116–117, 141–142, 195, 215
- data workflows, 23
- databases, 48, 50, 60, 99, 119, 129
- datafication, 1, 9, 66
- datafiles, 107
- dataism, 1, 9, 216
- DCAT. *See* Data Catalog Vocabulary
- descriptors, 41, 55, 65, 129, 159, 161
- diagrams, 90, 101, 109, 119–120, 124
- diaries, 48, 89, 91, 109
- digital forensics, 136–138
- digital preservation, 137
- digital traces, 141. *See* trace data
- diplomats, 151–153
- discoverability, 77, 86, 101, 108
- DMPs, 98. *See* data management plans
- documentation affordances, 16
- documentation guidelines, 161
- documenting paradata, 42, 79, 86, 91, 105–106, 109
- domain knowledge, 41, 51–52, 54, 58
- DPCVocab. *See* Data Practices and Curation Vocabulary
- Dublin Core metadata, 107
- EAD. *See* Encoded Archival Description
- embodiments. *See* also paradata types
- Encoded Archival Description, 81
- Entity resolution, 134
- epistemic horizons, 15, 19, 42, 45, 56, 65
- ER. *See* Entity resolution
- European Language Social Science Thesaurus, 79
- European Union Clinical Trials Register, 99
- evidence review, 131
- expertise, 19, 88, 108, 119, 128, 132
- Extensible Markup Language. *See* XML format
- FAIR principles, 86, 98, 169, 201, 212
- field diaries, 46
- field notes, 17, 46, 50, 89–90
- field observations, 89
- fieldwork, 50, 66, 89–90, 92, 95, 103, 109, 119, 141, 143, 174
- file formats, 11
- findability, 47, 83, 86, 94, 169. *See* also discoverability
- finding aids, 170–171, 174
- Global Positioning System. *See* GPS
- GPS, 95–96, 130, 142, 157
- granularity, 81, 130, 154, 157, 164
- guideline. *See* guidelines
- guidelines, 60, 90, 92, 100, 102, 105–106, 108, 140, 174
- handbooks, 52
- identifiers, 41, 49, 53, 58
- implementation, 81, 108–109
- inscriptions. *See* also paradata:types
- in-situ, 75, 107, 141
- INSPEC Thesaurus, 79
- institutional talk, 109, 127
- International Clinical Trials Registry Platform, 100
- interoperability, 48, 79, 83, 86, 108, 212
- interpretative uncertainty, 52
- Jefferson Transcription System, 126
- Jupyter Notebook, 102. *See* also computational workflows
- knowledge graphs, 84–87, 93
- knowledge organisation systems, 202
- label sets, 77–79
- large language models, 95, 109, 133
- life history, 122
- Linked Open Data, 83, 89, 105, 109
- LLMs. *See* large language models
- LOD. *See* Linked Open Data
- log files, 17, 42, 95–97
- logging, 76–95
- The London Charter, 18, 32, 41, 66, 174

- manuals, 50, 59, 119
- marginalia, 9, 44, 46, 62, 89, 109, 121, 123, 137, 154, 174
- Medical Subject Headings, 79, 109
- meta-analysis, 131
- metadata
 - concepts, 21–23
 - definitions, 22–23
 - descriptive, 3, 22
 - literacy, 173
 - scope, 157
 - types, 22
- metadata schemas, 28, 45, 81, 83, 119, 154, 157, 165
- metadata standards, 22, 32, 45, 80–84, 164
- metainformation, 4, 84, 169
- methodological transparency, 18, 76, 99–100, 116
- methodologies, 51, 62, 65, 139, 143, 174
- missing data, 17, 19, 132

- Named Entity Recognition, 133, 143
- narrative inquiry, 121–122
- National Library of Medicine, 99
- natural language processing, 118, 133–135
- NER. *See* Named Entity Recognition
- NLP. *See* natural language processing
- note-taking, 75–89

- object biography, 122
- ontologies, 31, 55–56, 84–88, 141, 161
- operational chain. *See* chaîne opératoire
- operations, 12, 48, 57
- OWL. *See* Web Ontology Language

- paradata, 5–7
 - approach of descriptors and identifiers, 41
 - approach of mobilised into action, 12, 41–42, 44, 64, 66, 196
 - concepts, 4–5, 11–13, 18–20, 26–32
 - conceptual siblings, 20–21
 - in context, 44–46
 - core, 153–154
 - in data formats, 65
 - definitions, 15–16
 - ethics, 216–217
 - etymologies, 13–15
 - extraction, 134, 138, 154
 - generation, 75–76, 83, 91, 97, 106–108, 118, 130, 133, 141, 192, 196
 - interpretations, 31, 47
 - knowledge representation, 159
 - limits, 216
 - literacy, 171–174
 - meshwork, 199, 214, 217
 - in method descriptions, 49–54, 58–63, 157
 - methods for management, 151–153
 - mindset, 214–215
 - needs, 158–160
 - potential, 154
 - as practice, 61–63
 - prospective, 192–193
 - reference model, 181–203
 - relation to metadata, 21–23
 - relation to provenance and provenance data, 23–26
 - strategies for management, 155
 - in survey research, 4, 15–18, 29–30, 77, 89, 95, 130, 153, 190
 - as thing, 8, 41–42, 57–61
 - traces, 17, 55
 - transparency, 195–196
 - types, 187
 - in visualisations, 18–20
- paratext, 14, 32
- practice and process information, 2, 143, 152, 160, 164, 166, 171, 199
- practice theory, 5
- prescriptive workflows, 75
- preservation, 66, 174, 201
- procedural workflows, 101
- prospective paradata, 14, 75, 98, 108, 182, 190
- prospective workflows, 76–101
- protocols, 86, 98–99, 101, 106, 109
- PROV-DM, 141
- provenance data, 11, 20–21, 23–27, 194
- provenance paradata, 21, 158, 166

- qualitative backtracking, 118–120
- quantitative backtracking, 129–132

- RDF. *See* Resource Description Framework
- RE. *See* Relation Extraction
- recordings, 76–91
- registered reports, 75, 98–99, 107
- Relation Extraction, 134, 143
- reproducibility, 24, 98, 102, 109, 117, 163, 195, 212
- reproducible, 32, 102–103
- research by-products, 17, 30
- research data documentation, 80, 88

- research documentation, 40–49, 57–60, 64–66,
 - See also* research data documentation; scholarly documentation
- research methods, 32, 50, 117, 157
- research plans, 76–97
- research practices, 46
- research practices and processes, 48, 58, 62, 64, 88, 116–117
- Research Process Modelling, 103, 107
- Resource Description Framework, 83
- retrospective paradata, 14, 18, 192, 196
- reusability, 83, 212
- reusable. *See* reusability
- sampling biases, 19
- sampling protocols, 95, 130
- sampling strategies, 132, 158
- Schema.org, 81, 109
- scholarly documentation, 46, 63, 157
- scientific work, 46
- secondary data analysis, 116–117, 132, 140, 143
- secondary data use, 47
- secondary use. *See* secondary data use
- semantic typologies, 55–57
- sequence. *See* operational chain
- sketches, 46, 51, 60, 90
- SMART Protocols, 85
- spatial scope, 158, 163
- specifications, 80–81, 84
- spreadsheet, 3
- standardisation, 48, 78, 105, 132, 134, 160, 162–164
- structured information, 54
- summarisation, 94
- survey data, 123, 130, 140, *See also* paradata in survey research
- survey methodologies, 15
- survey research, 103, 132, 140, *See also* paradata, in survey research
- system logs. *See* log files
- task and procedure documentation, 51
- taxonomies, 161
- templates, 88, 98, 105, 108
- temporal scope, 158, 162
- toolkits, 134
- trace data, 16, 20, 28, 129–130, 132, 138
- trial registries, 98–100
- trustworthiness, 12, 22, 24, 96, 142, 212
- turn-taking, 127
- un-FAIR (data), 170
- Unified Modelling Language, 101
- unpublished, 50, 61, 142
- variables, 47, 53, 56–57, 60, 77–78, 81
- video diaries, 94
- visual representations, 48
- Web Ontology Language, 84
- WHO. *See* World Health Organisation
- workflows, 12, 25, 51, 103, *See also* prospective workflows; computational workflows
- World Health Organization, 100
- XML format, 81