

ISO/IEC 19944-2:2022-04 (E)

Cloud computing and distributed platforms - Data flow, data categories and data use - Part 2: Guidance on application and extensibility

Contents		Page
Foreword		v
Introduction		vi
1	Scope	1
2	Normative references	1
3	Terms and definitions	1
4	Abbreviated terms	2
5	Presentation of ISO/IEC 19944-1	2
6	How to apply ISO/IEC 19944-1	3
6.1	General	3
6.2	Generic eCommerce example	3
6.2.1	General	3
6.2.2	Customer content data	3
6.2.3	Derived data	3
6.2.4	Data identification qualifiers	4
6.2.5	Orthogonal facets	4
6.2.6	Data processing categories	5
6.2.7	Data use categories	6
6.2.8	Scopes	7
6.2.9	Data use statements	7
6.3	Privacy examples	8
6.3.1	General	8
6.3.2	Describing the purpose of the processing of PII	8
6.3.3	Using data identification qualifiers with PII	9
6.4	Organization identifiable data examples	9
6.4.1	General	9
6.4.2	Organization identifiable data location requirement examples	10
6.4.3	Organization identifiable data sharing requirement examples	10
6.5	AI example	11
6.5.1	General	11
6.5.2	Facial recognition -- Privacy-centric AI example	12
6.6	IoT example	14
6.6.1	General	14
6.6.2	Electrical vehicles	14
7	How to extend ISO/IEC 19944-1	15
7.1	General	15
7.2	Data taxonomy	15
7.2.1	General	15
7.2.2	Guidelines for extending the data categories defined in ISO/IEC 19944-1	15
7.2.3	Example of extending the cloud service provider (CSP) and customer content data categories	16
7.2.4	Example of extending the demographic information sub-type	16
7.2.5	Example of extending the financial details sub-type	17
7.3	Custom data facets	17

7.3.1	General	17
7.3.2	Guidance on creating custom data facets	17
7.3.3	Example custom data facet	18
7.4	Data processing	18
7.4.1	General	18
7.4.2	Guidelines for extending data processing categories	18
7.4.3	Examples for extending data processing categories	18
7.5	Data use categories	19
7.5.1	General	19
7.5.2	Guidelines for extending the data use categories	19
7.5.3	Example for AI	19
7.5.4	Facial recognition -- Privacy-centric AI example for extending the taxonomy	20
7.5.5	Automotive application -- Intellectual property-centric AI/IoT example for extending the taxonomy	21
Bibliography		23