

ISO/IEC TR 20748-2:2017-08 (E)

Information technology for learning, education and training - Learning analytics interoperability - Part 2: System requirements

Contents	Page
Foreword	iv
Introduction	v
1 Scope	1
2 Normative references	1
3 Terms and definitions	1
4 Abbreviated terms	3
5 Issues and concerns	3
5.1 General	3
5.2 Accessibility	4
5.3 Interoperability	4
5.4 Privacy	5
5.5 Identity federation	5
5.6 Data life cycle	5
6 System requirements	5
6.1 General	5
6.2 Privacy policy	6
6.3 Data protection	7
6.4 Learning and teaching activity	8
6.5 Data collection	8
6.5.1 General	8
6.5.2 Accessibility	8
6.5.3 Aggregation/integration of data	8
6.5.4 Data interoperability	9
6.5.5 Data flow and exchange	9
6.6 Data processing and storing	9
6.6.1 General	9
6.6.2 Data storing	9
6.6.3 Data translating/filtering	10
6.7 Analysing	10
6.7.1 General	10
6.7.2 Privacy	10
6.7.3 Analysis interface	10
6.7.4 Scalability for data input	10
6.8 Visualization	11
6.8.1 General	11
6.8.2 Accessibility	11
6.8.3 Privacy	11
6.8.4 Data interface	11
6.9 Feedback actions	11
6.9.1 General	11
6.9.2 Analysis query interface	12
6.9.3 Data interpretation and response	12
Bibliography	13