# Special issue "Information and Data Quality for Intelligent Systems" (CfP)

**Journal name:** Information Discovery and Delivery

**Link to the special issue:** Information and Data Quality for Intelligent Systems

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## Indicative list of anticipated article topics:

- Data quality assessment for machine learning and deep learning (including defining of dimensions, measurement, and evaluation techniques)

- Data quality management in high-stake domains (e.g., legal, medical, cyber security)

- Quality evaluation of knowledge graph and ontology system

- Experimental study regarding the impact of data quality to the performance of machine learning and deep learning

- Techniques for data quality issue detection and data quality improvement

- Data augmentation using current transfer learning, fine tuning, semi-supervised learning, GAN, and any current techniques

- Exploratory data analysis

- Data security and privacy

- Fairness in machine learning (e.g., how to handle missing data)

- Ethics in machine learning (e.g., biased data leads to biased results)

- The role of human factors in data quality assurance

- Other related topics

### Important Dates:

- First announcement/CfP: December 15, 2021

- Second CfP: April 15, 2022

- Final Reminder: May 23, 2022

- Submissions due: May 30, 2022

- Papers sent to reviewers: June 7, 2022

- Reviews due: July 31, 2022

- Author notification: August 31, 2022

- Final papers: September 21, 2022