



## Trends of Data Science and Knowledge Discovery

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### **Message from the Guest Editor**

In a world even more digital, the importance of data in our lives is significantly increasing, and new approaches and solutions arise everywhere in different formats and contexts. Data science (DS) is an interdisciplinary field that combines various areas, including computer science, machine learning, math and statistics, domain/business knowledge, software development, and traditional research. As a research topic, DS applies scientific methods, processes, algorithms and systems to extract knowledge and insights from structured and unstructured data.

Knowledge discovery (KD) is the basis of data science and consists of creating knowledge from structured and unstructured sources (e.g., text, data, and images, among others).

keywords:

- Applied data science
- Artificial intelligence
- Big data
- Blockchain
- Chatbots
- Data analytics
- Data mining, text mining and image mining
- Gamification
- Intelligent data systems
- Machine learning
- Pervasive data
- Smart cities





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## Message from the Editor-in-Chief

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