

# Artificial Intelligence and Big Data

## Session chairs :

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In the rapidly evolving technology, the use of Artificial Intelligence (AI) and Big Data has revolutionized how we analyze and interpret massive amounts of data. The aim of this session conference is to delve into the synergy between AI and Big Data, highlighting the challenges including data quality, scalability, security concerns, also the advancements and future directions in this dynamic field. The session will explore the techniques used to leverage AI for Big Data analysis, including machine learning algorithms with real-world applications of AI and Big Data focusing on areas such as healthcare, finance, and transportation.

Key topics to be covered by the session include:

- Big Data Ecosystem
- Big Data theories and algorithms
- Big Data visualization
- Big Data Analytics
- Iot
- Robotics
- Parallel and distributed computing;
- Multi-agent systems
- Management of heterogeneous data
- Data Science and data management
- Machine and deep learning

Keywords :

Artificial Intelligence, Machine learning, Big Data, Data Analysis.