

Big Data Analytics

Learn how to analyze and extract meaningful insights from large sets of data using advanced analytics techniques.

Category: Big Data · Duration: 2 days

WHO IT IS FOR

- Data analysts and data scientists
- Teams that want hands-on practice on real scenarios

This comprehensive training program will provide you with the skills and knowledge needed to effectively analyze big data and leverage its potential in various industries. From data collection and cleansing to advanced analytics methods and visualization tools, you'll gain a deep understanding of the big data analytics process. Whether you're a data scientist, business analyst, or IT professional, this course will help you harness the power of big data for informed decision-making.

Prerequisites

Basic knowledge of statistics and programming is recommended.

Syllabus

- Introduction to Big Data Analytics
- Data Collection and Preprocessing
- Big Data Storage and Infrastructure
- Data Exploration and Visualization
- Descriptive Analytics
- Predictive Analytics
- Prescriptive Analytics
- Machine Learning for Big Data
- Natural Language Processing
- Social Network Analysis
- Text Mining and Sentiment Analysis
- Time Series Analysis
- Graph Analytics
- Big Data Analytics in Industry Verticals

- Ethical and Privacy Considerations
- Scalable Big Data Processing
- Distributed Computing Frameworks
- Cloud-based Big Data Analytics
- Data Governance and Security
- Case Studies and Real-world Applications