

Cloud Technologies (AWS) for Data Engineers

24 hours

Course Overview:

This course provides an introduction to cloud technologies and specifically on Amazon Web Services (AWS) platform. It helps to design and build data processing systems on AWS. Through a combination of presentations, demos, and hand-on labs, participants will learn how to build end-to-end data pipelines and analyze data. The course covers structured, unstructured, and streaming data.

This class is intended for experts who are responsible for:

- Extracting, Loading, Transforming, cleaning, and validating data
- Designing pipelines and architectures for data processing
- Querying datasets, visualizing query results and creating reports

Who Should Attend:

- BI experts
- DBA experts
- Developers
- Software Architects and Designers
- Search Analytics

Required skills:

- Basic Object Oriented Programming Knowledge
- Basics of Linux and Databases Experience
- NoSQL Experience is a benefit

Course Contents:

- Cloud Computing
 - Introduction to cloud technologies
 - Types of cloud computing
 - Introduction to AWS / Azure / Google Cloud
- AWS
 - Introduction to AWS
 - Introduction to AWS Products
 - AWS RDS & Redshift
 - Amazon EMR
 - Amazon Kinesis
 - Amazon Athena
 - AWS Glue
 - AWS BigData processing with Lambda