



Creating and Migrating a Data Warehouse on Cloud using AWS Platform

Course description

In this course, the students will learn how to create a new Data Warehouse on Cloud and migration of an existing Data Warehouse on Cloud, using AWS Platform.

Creating and Migrating a Data Warehouse on Cloud using AWS Platform online training curriculum

Introduction to AWS

- What is Cloud Computing and why is it needed?
- What is Amazon Web Services?
- Architecture of AWS
- Key Services in AWS

Amazon Redshift

- What is Amazon Redshift?
- Benefits and Key Features
- Pricing Overview
- System Overview and Architecture

Getting Started - Using Amazon Redshift Database

- Designing Tables
- Lab 1 - Using Amazon Redshift Database to create a Data Model
- Lab 2 - Loading data into Amazon Redshift Database from Amazon S3
- Amazon Redshift - Best Practices

Matillion ETL

- What is Matillion?
- Orchestration Components
- Transformation Components
- Lab - Creating / Loading a Data Warehouse on AWS Redshift using Matillion

Migrating a Data Warehouse on AWS Cloud Platform

- Architecture Options
- Approach to Migrate Data Warehouse on Cloud Platform
- Best Practices