AWS Data Engineering

Welcome to AWS Data Engineering. If you're new to the cloud, whether you're in a technical or non-technical role such as finance, legal, sales, and marketing, this course will provide an understanding of fundamental AWS Cloud concepts to help you gain confidence to contribute to your organization's cloud initiatives. This course is also the starting point to prepare for your AWS Certified Cloud Practitioner certification whenever it's convenient for you.

This course is a part of Tech Neuron

What you'll learn

EMR

Why Cloud & Big Data on Cloud
What is Virtual Machine
On-Premise vs Cloud Setup
Major Vendors of Hadoop Distribution
Hdfs vs S3
Important Instances in AWS
Overview of EMR
What is EMR
Tez vs mapreduce
Launching an emr cluster
connecting to your cluster
Create a tunnel for web ui
Use Hue to interact with EMR
Part 1 analyze movie ratings with hive on emr
Part 2 analyze movie ratings with hive on emr
Transient vs Long Running Cluster Running
Copy File From S3 to Local Zeppelin Notebook
How to Create a VM
S3 & EBS
Public ip Vs Private Ip
Aws Command Line Interface
What is Athena
When do we require Athena What problem Athena Solve How Athena Works
Athena Pricing
Athena Practical Demonstration
AWS Glue
Introduction to Amazon Redshift
Redshift Master Slave Architecture
redshift demo
redshift specturm
Redshift Distribution Styles
Redshift Fault Tolerance
Redshift Sort Keys

EC2 Instance Storage

EBS Overview
EBS Hands On
EBS Snapshots Overview
EBS Snapshots Hands On
AMI Overview
AMI Hands On
EC2 Image Builder Overview
EC2 Image Builder Hands On

EC2 Instance Store
EFS Overview
Shared Responsibility Model for EC2 Storage
Amazon FSx Overview
EC2 Instance Storage Summary

VPC and Networking

VPC Overview
VPC, Subnet, Internet Gateway & NAT Gateways
Security Groups & Network Access Control List (NACL)
VPC Flow Logs & VPC Peering

Course language: English

Price : Rs.25000/-

Instructor(s)

Course Features

- Course material
- Course resources
- On demand recorded videos
- Practical exercises
- Quizzes
- Assignments
- Course completion certificate

System Requirements

- System with Internet Connection
- Interest to learn
- Dedication