

Welcome to ineuron.ai



Snowflake Advanced

Description:

This course will help you to learn the advanced concepts of Snowflake.

Start Date:

Doubt Clear Time:

Course Time:

Features:

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

What we learn:

- # Loading Data
- # Copy Options
- # Loading unstructured data
- # Performance optimization
- # Loading from AWS
- # Loading from Azure
- # Loading from GCP
- # Snowpipe
- # Time Travel
- # Fail Safe

Requirements:

- # System with Internet Connection
- # Interest to learn
- # Dedication

Instructor:

Name:

MD Imran

Description:

Working as Data Scientist with experience in solving real world business problems across different domains.

>Loading Data:

>>Loading Methods

>>Understanding Stages

>>Creating stage

>>Copy command

>>Transforming Data

>>More Transformations

>>Copy options and ON_ERROR

>>File format object

>>Summary

>Copy Options:

>>Understanding copy options

>>Validation_mode

>>Working with rejected records

>>size_limit

>>return_failed_only

>>Truncatecolumns

>>Force

>>Load history

>Loading unstructured data:

>>High level steps

>>our data

>>Creating stage and raw file

>>Parsing JSON

- >>Handling nested data
- >>Dealing with hierarchy
- >>Insert final data
- >>Querying Parquet data
- >>Loading Parquet data

>Performance optimization:

- >>Performance in Snowflake
- >>Create dedicated virtual warehouse
- >>Implement dedicated virtual warehouse
- >>Scaling up
- >>Scaling out
- >>Caching
- >>Maximize Caching
- >>Clustering
- >>Clustering Demo

>Loading from AWS:

- >>Sign up for free trial
- >>Creating S3 bucket
- >>Upload files in S3
- >>Creating policy
- >>Creating integration object
- >>Loading from S3 part 1

>>Loading from S3 part 2

>>Loading from S3 part 3

>Loading from Azure:

>>Sign up for free trial

>>Create a storage account

>>Create a Container

>>Create integration object

>>Create stage object

>>Load CSV file

>>Load JSON file

>Loading from GCP:

>>Create a bucket

>>Create integration object

>>Create stage

>>Query and load data

>Snowpipe:

>>What is Snowpipe

>>High level steps

>>Creating Stage

>>Creating pipe

>>Configure pipe and notifications

- >>Error handling

- >>Manage pipes

- >Time Travel:**

- >>Using time travel

- >>Restoring data

- >>UNDROP tables

- >>Retention time

- >>Time travel cost

- >Fail Safe:**

- >>Understanding Fail Safe

- >>Fail Safe Storage