



Apache Atlas

Description:

Apache Atlas provides open metadata management and governance capabilities for organizations to build a catalog of their data assets, classify and govern these assets and provide collaboration capabilities around these data assets for data scientists, analysts, and the data governance team.

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:

Introduces Apache Atlas

Apache Atlas Installation

Walkthrough of Apache Atlas Console

Terminologies in Apache Atlas

Data Lineage in Apache Atlas

Classification in Apache Atlas

Basic and Advanced Search

Glossary in Apache Atlas

REST APIs in Apache Atlas

Practical use of REST APIs

Apache Atlas Internals

Apache Atlas at ING

Requirements:

System with Internet Connection

Interest to learn

Dedication

Instructor:

Name:

Shruti Mantri

Description:

Shruti Mantri is a well-known software architect, instructor and mentor in the industry. She has 10+ years of experience in the software industry, and has worked with different organizations like Oracle, Flipkart, Amazon, Myntra and Twitter. She is known for her expertise in the data engineering field, and has a sound knowledge on the latest technologies in this domain. She has helped develop data platform at organizations, and guided several mentees in understanding data engineering and how to get better at it.

>Introduction:

- >>Introduction

- >>Course Objectives

>Installation:

- >>Atlas Installation

- >>Loading Sample Data

>Terminologies:

- >>Types and Entities

- >>Relationships

- >>Attributes

- >>System specific types

- >>Data lineage

>>Classification

>>Classification propagation

>Atlas UI:

>>Basic Search in Atlas UI

>>Advanced search in Atlas UI

>>Glossary

>REST APIs:

>>REST APIs in Atlas

>>Precap to Hands-on

>>Creating Entity Type Definitions

>>Creating Relationship Type Definitions

>>Creating Entities

>>Creating Relationships

>>Creating Data Lineage

>>Creating Classification

>Internals:

>>Apache Atlas Internals

>Use-cases:

>>Industry Use-case: Apache Atlas at ING