

# AWS Lake Formation Training

*COURSE CONTENT*

## GET IN TOUCH



Multisoft Systems  
B - 125, Sector - 2, Noida



(+91) 9810-306-956



info@multisoftsystems.com



www.multisoftsystems.com

## About Multisoft

Train yourself with the best and develop valuable in-demand skills with Multisoft Systems. A leading certification training provider, Multisoft collaborates with top technologies to bring world-class one-on-one and certification trainings. With the goal to empower professionals and business across the globe, we offer more than 1500 training courses, which are delivered by Multisoft's global subject matter experts. We offer tailored corporate training; project Based Training, comprehensive learning solution with lifetime e-learning access, after training support and globally recognized training certificates.

## About Course

AWS Lake Formation is a powerful service that simplifies building, securing, and managing data lakes on AWS. Multisoft Systems offers an expert-led AWS Lake Formation Training, designed to help professionals master data ingestion, cataloging, transformation, and security enforcement.

## Module 1: Introduction to Data Lakes

- ✓ Describe the value of data lakes
- ✓ Compare data lakes and data warehouses
- ✓ Describe the components of a data lake
- ✓ Recognize common architectures built on data lakes

## Module 2: Data Ingestion, Cataloguing, and Preparation

- ✓ Describe the relationship between data lake storage and data ingestion
- ✓ Describe AWS Glue crawlers and how they are used to create a data catalogue
- ✓ Identify data formatting, partitioning, and compression for efficient storage and query

## Module 3: Data Processing and Analytics

- ✓ Recognize how data processing applies to a data lake
- ✓ Use AWS Glue to process data within a data lake
- ✓ Describe how to use Amazon Athena to analyse data in a data lake

## Module 4: Building a Data Lake with AWS Lake Formation

- ✓ Describe the features and benefits of AWS Lake Formation
- ✓ Use AWS Lake Formation to create a data lake
- ✓ Understand the AWS Lake Formation security model

## Module 5: Additional Lake Formation Configurations

- ✓ Automate AWS Lake Formation using blueprints and workflows
- ✓ Apply security and access controls to AWS Lake Formation
- ✓ Match records with AWS Lake Formation Find Matches
- ✓ Visualize data with Amazon Quick Sight

## Module 6: Architecture and Course Review

- ✓ Post course knowledge check
- ✓ Architecture review
- ✓ Course review