INFOSOFT IT SOLUTIONS

Training | Projects | Placements

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AWS Database

Introduction to AWS Cloud Computing

- Overview of AWS services

- Benefits of cloud computing

- Understanding AWS global infrastructure

AWS Database Fundamentals

- Overview of database concepts

- Types of databases in AWS

- Choosing the right database service

Amazon RDS (Relational Database Service)

- Deploying and managing RDS instances

- Configuring database engines

- Monitoring and scaling RDS databases

Amazon DynamoDB

- Understanding NoSQL and DynamoDB basics

- Creating tables and managing data

- Designing and optimizing DynamoDB schemas

Amazon Aurora

- Overview of Aurora database

- Deploying Aurora clusters

- Replication and high availability in Aurora

Amazon Redshift

- Introduction to data warehousing

- Creating and managing Redshift clusters

- Running analytics on Redshift

Amazon Neptune

- Introduction to graph databases

- Working with Neptune graph database

- Querying and visualizing graph data

Amazon Timestream

- Understanding time-series data

- Setting up and managing Timestream database

- Analyzing time-stamped data

AWS Database Migration Service (DMS)

- Migrating databases to AWS using DMS

- Configuring replication tasks

- Troubleshooting migration issues

Best Practices for AWS Databases

- Security and access control

- Backup and disaster recovery strategies

- Performance optimization techniques