Relational Database Services (RDS)

Introduction
- It is managed SQL in Cloud
- Supports 6 Database Engines
  - Commercial: Oracle, SQL Server-4TB
  - Open-source: MySql, MariaDB, PostgreSql:6TB
  - Amazon: Aurora: 64TB

Terminology

Term	Description
Field/Attribute/column	
record/tuple/row	
table/relation/collection	
database	

Objectives
- Creating DB Instance
- Creating and Managing Database Services
- Automated backups and disaster recovery
- Scaling on RDS
- High availability with AWS RDS
- Migrating to RDS

Pre-Requisites
- AWS Account (Signup User) / IAM User Account
- Basic knowledge on AWS Services
- Basic Knowledge on Database
- Practical knowledge on AWS CLI / AWS Console

Use Cases
- Transactional System
- Systems of record
- eCommerce, CRM, Finance, HR, Assets, etc
- Existing SQL-based workloads
- Almost any relational datasets

References

http://www.slideshare.net/AmazonWebServices/deep-dive-amazon-rds