Introduction To
AWS RDS
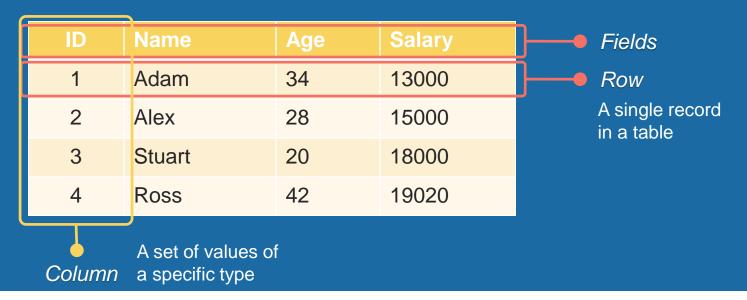
Expected Learning Outcomes

AWS RDS

➥ **Get Familiar With AWS RDS**

➥ **AWS RDS Features And Advantages**

➥ **Deploy mySQL DB Instance**

⚙️

Database

Relational Database

Introduction to Amazon RDS

Relational Database Example ▶

ID	Name	Age	Salary
1	Adam	34	13000
2	Alex	28	15000
3	Stuart	20	18000
4	Ross	42	19020

Fields

Row

A single record in a table

Column

A set of values of a specific type

You can use any of the above Amazon RDS engines as per your requirement keeping in mind your work load. In this module, we will use MySQL RDS.

Aurora

PostgreSQL

MySQL

MariaDB

Oracle

SQL Server

Amazon MySQL RDS

- Relational database service in the cloud
- Setup and operational features:
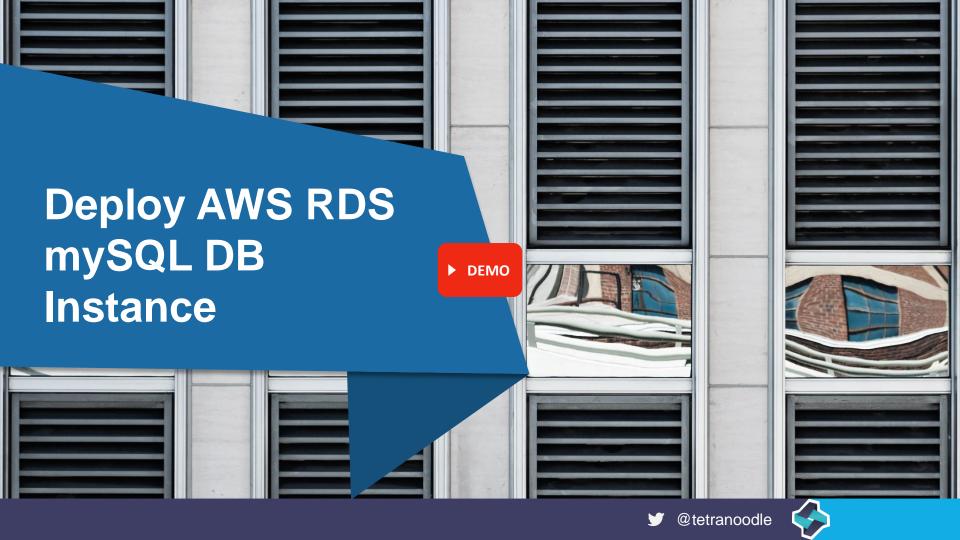 - Robust
  - Scalable
  - Highly available

MySQL

Easy

Administration

Scalable

Available &

Durable

Secure

1 **Creating MySQL DB Instance**

- **Things to know in advance**
  - **Region selection**
  - **Engine**
  - **Type of environment (qa/stage/prod)**

2 **Verifying by connecting to a DB Instance**

- **Connecing via mysql client**
```
mysql -h <endpoint> -P 3306 -u <mymasteruser> -p
```

3 **Deleting a DB Instance**

Setting up RDS Instance

Deploy AWS RDS mySQL DB Instance

DEMO

@tetranoodle

Recap
AWS RDS

➡ **Amazon RDS**

➡ **Advantages Of Amazon RDS**

➡ **Deploy MySQL DB Instance In AWS RDS**

➡ **Verify The Connectivity To MySQL DB Instance**