

# PostgreSQL: Creating and Accessing Database Tables

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## **In Last Module**

- **Brief history of PostgreSQL**
- **How to Install and Configure PostgreSQL**
- **Wrote very first SELECT statement**

# **In This Module**

- **How to create a database**
- **How to create a database table**
- **Populating data in a table**
- **Various options to restore a database**

# Scenario Setup

- Two Database Administrators
- Rahul – Sr. Database Administrator
- Mike – Jr. Database Administrator



# Scenario 1

## Task:

- Rahul asks Mike to restore database to the server from compressed backup file.

## Scenario 2

### Task:

- Rahul asks Mike to restore sample database to the server over the old database and ask for only schema (no data).

## Scenario 3

### Task:

- Rahul asks Mike to restore a single **table** schema and data (along with index) from one database to another database.

## Scenario 4

### Task:

- Rahul asks Mike to prepare an HTML report for all the dependencies and dependents.



# Summary

- pgAdmin III – a graphical IDE provides effective ways to create new objects with PostgreSQL
- COPY command can help generate CSV file from database tables
- You can generate Schema or Data of the table from pgAdmin III



