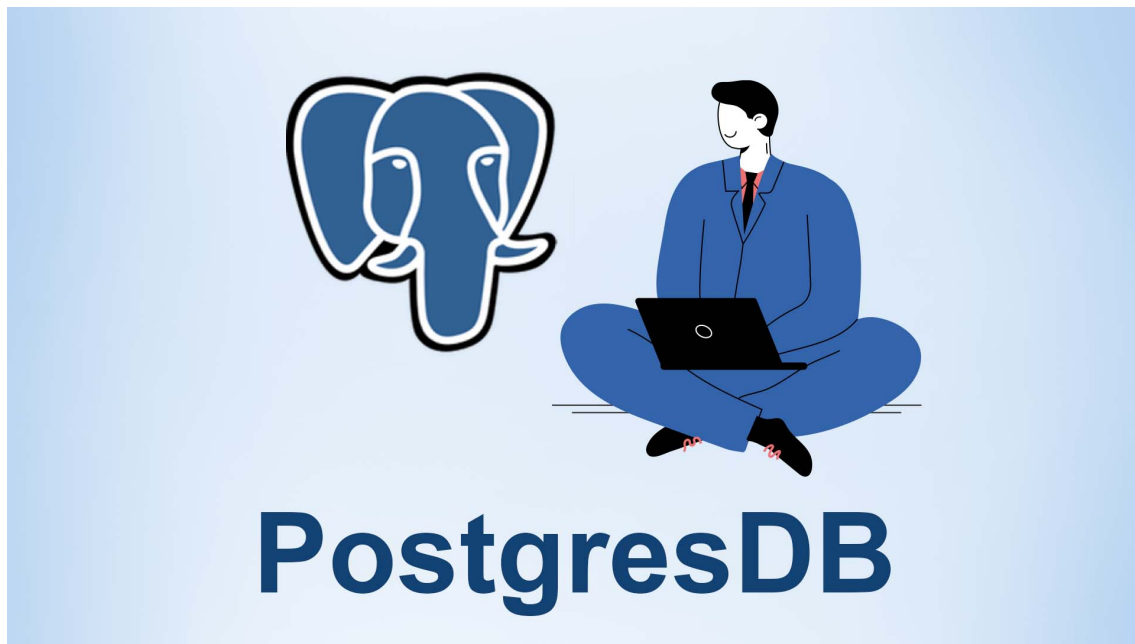


Welcome to ineuron.ai



PostgreSQL

Description:

One of the most advanced open-source relational database systems is PostgreSQL. It has a number of features that assist developers in creating applications, administrators in maintaining data integrity, and data analysts and data scientists in managing their data regardless of the dataset size.

Start Date:

Doubt Clear Time:

Course Time:

Features:

Completion Certificate

Quiz in every module

Real-time Project

Assignment in all modules

What we learn:

Exploring Database

Understanding how to use relational database.

Importance of PostgreSQL.

Different operations using PostgreSQL

Requirements:

System with Internet Connection

Interest to learn

Dedication

Instructor:

Name:

Manjunatha A

Description:

Data Scientist with good experience in machine learning, deep learning, and Python programming. I was awarded the Gold medal in my Master's (MCA). I was also privileged to be honour with the Ace of innovation award. I was also one of the Finalists of SIH -2020 the world's largest hackathon. In my spare time, I enjoy sharing my technological abilities and knowledge through classes. I supervised over 500 students and assisted them in establishing careers in their industries. I also travel frequently.

>Introduction to PostgreSQL:

>>Course Introduction

>>Who this course for?

>>Course Curriculum overview

>>Course Outcome

>>History of PostgreSQL

>>Key Features of PostgreSQL

**>Environment setup and
Installation:**

>>PostgreSQL Download and Installation

>PostgreSQL server:

>>PostgreSQL Server

>Fundamentals of PostgreSQL:

>>Introduction to Database

>>Create database

>>Connecting Database

>>DROP Database

>>Introduction to Table

>>Create Table

>>INSERT data

>>SELECT data

>>DELETE Record

>>Update Table

>>Truncate table

>>Drop table

>Schema and Table space:

>>Schema

>>Table Space

>Clause:

>>WHERE Clause

>>GROUP BY clause

>>ORDER clause

>>HAVING clause

>>DISTINCT clause

>ALTER TABLE:

>>Introduction to ALTER table

>>ADD a column

>>DROP a column

>>Rename column

>>Rename Table

>>ADD Constraint

>Constraints:

>>Introduction to Constraint and all the constraint info

>>Foreign key Constraint

>Operators in postgresSQL:

>>Introduction to Operators

>>PostgreSQL Comparison operators

>>PostgreSQL BETWEEN Operator

>>PostgreSQL NOT BETWEEN Operator

>>PostgreSQL NOT Operator

>>Postgres LIKE Operator

>>PostgreSQL OR Operator

>>PostgreSQL AND Operator

>>PostgreSQL LIMIT Operator

>>PostgreSQL IN Operator

>>PostgreSQL UNION Operator

>>PostgreSQL INTERSECT Operator

>Join in PostgreSQL:

>>Introduction to Postgres JOINS

>>PostgreSQL Inner Join

>>PostgreSQL Full Outer Join

>>PostgreSQL Left Join

>>PostgreSQL Right Join

>>PostgreSQL Cross Join

>>PostgreSQL Natural Join

>View in PostgreSQL:

>>Views

>Database security and roles:

>>Introduction to database roles management

>>Database Role

>>Role Attributes

>>Default Roles

>Database backup and Restore:

>>Introduction to database backup

>>Backing up a database

>>Backing up a database using pgadmin

>>Restoring a database using cmd

>>Restoring a database using pgadmin