

PostgreSQL Training



PostgreSQL is a powerful, open-source object-relational database system. PostgreSQL comes with many features aimed to help developers build applications, administrators to protect data integrity and build fault-tolerant environments, and help you manage your data no matter how big or small the dataset. It is a highly extensible & reliable database & PostgreSQL runs on all major operating systems.

Course Objective:

- Understand the working of relational databases
- Installing, setup PostgreSQL, and running queries on it

Course Audience:

Those who wish to learn PostgreSQL Database

Course Prerequisites:

Basic knowledge of DATABASE and RDBMS.

If they know any programming language it would be an added advantage.

Overview of PostgreSQL:

- What is PostgreSQL

- PostgreSQL – Syntax
- Data Types
- Create Database
- Select Database
- Drop Database
- Create Table
- Drop Table
- Schema
- Insert Query
- Select Query
- Operators

Expressions:

- Where Clause
- AND & OR Clauses
- Update Query
- Delete Query
- Like Clause
- Limit Clause
- Order By Clause

Group By:

- With Clause
- Having Clause
- Distinct Keyword
- PostgreSQL Numeric Functions
- PostgreSQL String Functions.

PostgreSQL Constraints:

- Joins
- Unions Clause
- NULL Values
- Alias Syntax
- Triggers
- Indexes
- Alter Table Command
- Truncate Table

- **Views**

Transactions:

- **Locks**
- **Sub Queries**
- **Auto Increment**
- **Date/Time Functions**
- **Operators**
- **Functions**

Probits