

PostgreSQL Database Developer

Learn to design, develop and optimise PostgreSQL databases, from tables and indexes to triggers, transactions and extensions.

COURSE OVERVIEW

This course covers the PostgreSQL server and its procedural language for writing dynamic SQL, followed by designing and implementing databases and tables. It addresses data integrity through constraints and rules, indexing and full text search, and partitioning strategies. It then covers triggers, rules, views, transactions and error handling, query optimisation, foreign data wrappers, large objects, communication with PostgreSQL using LibPQ, and extensions.

WHO THIS COURSE IS FOR

Database Developers

Database Administrators

Backend Developers

Application Developers

13 Modules

01

Introduction to PostgreSQL Server

02

The Procedural Language and Dynamic SQL

03

Designing and Implementing Databases and Tables

04

Ensuring Data Integrity Through Constraints and Rules

05

Working with Indexes and Full Text Search

06

Partitioning

07

Working with Triggers, Rules and Views

08

Working with Transactions & Error Handling

09

Query Optimization

10

Foreign Data Wrappers

11

Dealing with Large Objects

12

Communicating with PostgreSQL Using LibPQ

13

Extensions

WHAT IS INCLUDED

Everything You Need to Succeed

- Koenig course material for every module
- Delivery by certified instructors and subject matter experts
- Hands-on exercises throughout the course
- Course completion certificate from Koenig

ABOUT KOENIG

Who We Are

Established in 1993, Koenig Solutions is a globally recognised training provider with 35+ technology partnerships, 5,000+ training programmes and a network of certified instructors and subject matter experts, supporting individuals and enterprise teams worldwide.

FLEXIBLE DELIVERY

Learn the Way That Suits You

Classroom Training

Live Online Classes (ILO)

Fly-Me-A-Trainer (FMAT)

Flexi (Self-Paced)

1-on-1 Training

Ready to Get Started?

Talk to a learning advisor about schedules, group training and customised delivery.

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