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# PostgreSQL Fundamentals: Architecture

## COURSE OVERVIEW



### Course Modality

Digital



### Course Time

1 hour



### Course Level

Fundamental



### Course Language

English

### In PostgreSQL Fundamentals: Architecture you will learn how to:

- ✓ Understand the architecture of a PostgreSQL database
- ✓ Read, write, and edit data in a PostgreSQL database
- ✓ Store data in a PostgreSQL database

### Prerequisites:

We recommend that attendees of this course have the following prerequisites:

- ✓ Taken the PostgreSQL Fundamentals course
- ✓ Familiarity with relational databases
- ✓ Familiarity with structured query language (SQL)

### Intended Audience:

This course is intended for:

- ✓ Database administrators
- ✓ Database developers
- ✓ Database architects
- ✓ Database engineers

## Skill Covered:

- ✓ Client Architecture
- ✓ Server Overview
- ✓ Process Components
- ✓ Memory Components
- ✓ Per-Session Memory
- ✓ Data Directory
- ✓ base Directory
- ✓ Block / Page Layout
- ✓ Storing Large Values
- ✓ TOAST Table
- ✓ pg\_wal Directory
- ✓ On-Disk Components
- ✓ In-Motion
- ✓ Connect Request
- ✓ Reading Data
- ✓ Writing (or deleting) Data
- ✓ MVCC
- ✓ Logical Layout
- ✓ Logical-Physical Mappings

## RECOMMENDED EXAMS



### **AWS Certified Database - Specialty**

**Classroom or Digital | 130 minutes**

Validate your ability to recommend, design, and maintain the optimal AWS database solution to improve performance, reduce costs, and enable innovation