

Fundamentals of Structured Query Language

Introduction to Databases

- Basics of databases
- ACID Properties

Installing MySQL

- Client-Server architecture

Getting Started with SQL

- Basic SQL commands - CREATE, SELECT, UPDATE, etc.

Basic Querying

- Basic analysis using SQL clauses - WHERE, COUNT, LIMIT, etc.

Data Analysis

- FIFA analysis Project

MySQL built-in functions

- Built-in functions - string, date, numeric, etc.
- Conditional Flow

Subqueries

- What are subqueries
- Types of subqueries

Constraints in SQL

- Different constraints in SQL - CHECK, UNIQUE, KEY, etc.

Working with Multiple table

- Foreign Key
- Types of relationships

Joins

- Types of joins - Inner, Left, Right, Full, etc.

MySQL Python Connector

- Python connector for MySQL

ETL Project

- What is ETL
- E-Commerce project
- Scheduling ETL Pipeline

Thank You!

