MySQL

Description:

Data practitioners must master SQL since it is the most essential query language you can learn. Many prominent relational database management systems such as MySQL employ it. However, data analysis and big data frameworks and tools such as Apache Spark also utilise it. As a result, learning MySQL offers up a plethora of prospects and occupations - whether you want to work with relational databases or become a data scientist, knowing Mysql is essential. Even if you have no previous experience of MySQL, this practical course will build the groundwork for SQL and structured database querying.

Instructors:

Hitesh Choudhary

Duration:

Language:

English

Price:

25000

Requirements:

System with minimum i3 processor or better, At least 4 GB of RAM, Working internet connection, Dedication to learn

Features:

Course material, Course resources, On demand recorded videos, Practical exercises, Quizzes, Assignments, Course completion certificate

Learn:

MySQL tables, Primary keys and foreign keys, CRUD operations, SQL queries, Joins, ACID in database, Database engines

Curriculum:

- Introduction and installation of MySQL:
  - Introduction to section 1
  - MySQL introduction - 5 points to know
  - MYsql Installation MAC
  - MySQL installation for Windows
- Basics of MySQL:
  - Introduction to section 2
  - Creating and dropping database - Startup
  - Resolving the issue for future
  - Creating your first table
  - Adding values to canon table
  - Answering customer question
- Playing with data:
  - Introduction to section 3
  - Primary key, default and NULL
  - Table with primary key and default values
  - Testing the new table
  - Adding new values and answering questions
  - update in customers table
  - delete from the customers table
- More on functions:

  - Introduction to section 4
  - Understand the new lco user DB
  - Task for CONCAT
  - Task for REPLACE
  - task for SUBSTRING
  - Task for reverse and CHAR_LENGTH
  - Task for case conversion and DOCS
- Answering some DB questions:
  - Introduction to section 5
  - A task on DISTINCT
  - A task for ORDER BY
  - A task on LIMIT
  - Match the pattern
  - A task on COUNT
  - SQL MODES and GROUP BY
  - MIN MAX and SUBQUERIES
  - GROUP BY with MAX and MIN
  - SUM and AVERAGE with GROUP BY
  - A task on AND OR
  - A task in RANGE based selection
  - CASE THEN - multiple range selection
- A pinch of theory:
  - Introduction to section 6
  - Data type for INTEGER and STRING
  - Data type for DATE, DATETIME and JSON
  - DATE TIME code Example

  - Get the date and time

  - Lets join tom and jerry tables

  - Types of JOIN

- FOREIGN KEY and JOINS:

  - Introduction to section 7

  - Code talk over FOREIGN keys

  - Understand a new database

  - A task on INNER join

  - ONE to MANY and MANY TO MANY

  - Join more 3 or more tables

  - A task on LEFT JOIN

  - A task on RIGHT JOIN

  - FULL OUTER join and UNION tasks

- A pinch of more theory:

  - Introduction to section 8

  - Database engines - INNODB and more

  - ACID in database

- A 30 Task assignment for movie DB:

  - Introduction to section 9

  - How to practice database works - FILM

- Final exam - single attempt:

  - MYSQL Outro and some free resources