SQL Content Outline DS BOOTCAMP

BOOTCAMP EDITION

Module: Introduction to Structured Query Language (SQL)

Session 1
- Database Overview
- DBMS
- Create Databases and Tables
- Import Dataset in mySQL Workbench
- Basic Data Retrieval

Session 2
- Modifying and Updating New Tables
- Understand and Implement Primary Keys
- Utilize Auto-Increment Fields
- Where, order by and limit clauses

Session 3
- Aggregation
- GROUP BY
- HAVING Clause
- CASE Statements

Session 4
- Understanding Relationships Between Tables
- JOINs to Combine Data from Multiple Tables

Session 6
- Understanding Subqueries and Their Applications -
- CTE

Session 5
- Window Functions
- LEAD(),LAG(),RANK(),DENSE_RANK(),PARTITION ON
- Combine Result Query (union, intersect, except)