

Syllabus

**Introduction to Data
Analysis with SQL**



Content

Introduction



Data

Understanding what constitutes data and its significance in the modern business world

Differences between data, information and knowledge



Storing Data

File Systems

Database Management Systems

Advantages and Disadvantages of File Systems and Databases



Relational vs. Non-relational databases



Introducing SQL



Table schema



Database Schema

Hands-on



Setting up your environment



Creating and managing tables and records



SQL queries

Content

Advanced Concepts

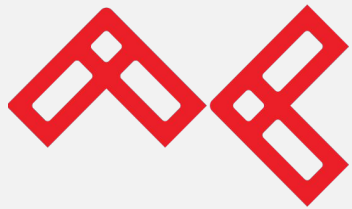
- Subqueries
- UNION operator
- LIKE and BETWEEN operators
- Creating and Using Views
- Creating and Managing Triggers
- Creating and Using Stored Procedures

Final Case Study

- Exercise and Feedback

Closure

- Wrap-up of the concepts given
- Where to go next?



code for all_