

Introduction to Databases

- Rational Databases
- Data warehouse
- OLAP & OLTP
- Cloud Data systems
- Data Management Systems (Snowflake, Data Bricks, Microsoft SQL Server, etc)



SQL Fundamentals

- Covering Basic Syntax of SQL
- Data Management Systems (Snowflake, Data Bricks, Microsoft SQL Server, etc)



Data Visualization

- Data Analysis in Microsoft Excel
- Developing Interactive PowerBI Dashboards
- Advanced calculations using DAX functions



Data Privacy & Ethics

- Understanding data privacy laws (GDPR, CCPA)
- Ethical considerations in data analysis
- Data anonymization and de-identification techniques
- Best practices for responsible data use



Data Analysis with Python

- Python syntax
- Python Libraries
- Data Visualization

