

Introduction to Data Visualization

- Overview of Data Visualization
- The importance of Data Visualization
- Types of Data Visualization
- Data Visualization Tools

Data Visualization Techniques

- Introduction to Data Visualization Techniques
- Charts and Graphs
- Tables and Pivot Tables
- Maps and Geospatial Data Visualization
- Time Series and Trend Analysis

SQL Fundamentals

- Introduction to SQL
- Basic SQL Queries
- Advanced SQL Queries
- Joins and Unions
- Subqueries and Aggregates

SQL Data Visualization with Tableau

- Introduction to Tableau
- Connecting to SQL databases
- Building Interactive Dashboards
- Customizing Visualizations in Tableau
- Sharing and Collaborating with Tableau

SQL Data Visualization with Power BI

- Introduction to Power BI
- Connecting to SQL databases
- Creating Interactive Reports
- Customizing Visualizations in Power BI
- Sharing and Collaborating with Power BI

SQL Data Visualization Best Practices

- Best Practices for Designing Data Visualizations
- Choosing the Right Chart Type
- Designing for Mobile and Desktop
- Tips for Effective Data Storytelling