Tableau Curriculum

Total: 24 Hrs

Module 1: Introduction to Tableau

- Overview of Data Visualization
- Introduction to Tableau
- Installing Tableau Desktop
- Navigating the Tableau Interface
- Creating Your First Tableau Workbook

Module 2: Connecting to Data

- Connecting to Different Data Sources
- Understanding Data Types and Structures
- Data Preparation
- Creating Data Extracts

Module 3: Visual Analytics

- Basic Visualization Techniques
- Advanced Visualization Techniques
- Creating Dashboards
- Creating Stories
- Interactive Dashboards

Module 4: Calculations

- Basic Calculations
- Table Calculations
- Level of Detail (LOD) Expressions
- Using Calculated Fields

Module 5: Advanced Analytics

- Trend Lines and Forecasting

- Clustering and Segmentation

- Time Series Analysis

- Integrating R and Python with Tableau

Module 6: Mapping

- Creating Basic Maps

- Customizing Map Views

- Advanced Geospatial Analysis

Module 7: Sharing and Collaboration

- Publishing to Tableau Server

- Publishing to Tableau Online

- Sharing Workbooks and Dashboards

- Embedding Tableau Views

Module 8: Real-World Projects

- Case Studies

- Project Work