

Advanced Tableau Business Intelligence

Course objectives

At the end of the course, participants will be able to

- Applying advanced calculations to gain additional insight into your data
- Incorporating advanced chart types into your analysis
- Apply advanced dash boarding techniques
- Using calculations, parameters, and table calculations together.
- Using Tableau techniques to address common use case scenarios.
- Formatting your visualizations and dashboards for maximum impact
- Using of spatial functions
- Advanced filters and table calculations
- How to add interactivity using actions
- Animating your visualizations
- Building geospatial dashboards and sales dashboards
- Creating dashboards that utilize radial charts

Course Outline:

- **Dynamic Design**
 - Visual Appeal
 - Background Templates
 - KPI Shapes
 - Info Icons
 - Instructions & Commentary
 - Multi-Dimensions
 - Multi-Measures
 - PRO TIP: Dynamic Formatting
 - Sheet Selectors
 - Filter Menus
- **Advanced Calculations**
 - Review of Calculations
 - Advanced Table calculations
 - Level of Detail Calculations
 - Regular Expression Functions
 - Table Calculations
 - Addressing & Partitioning
 - Position-Based Table Calculations

- **Time Based Calculations**
 - Discrete vs Continuous time-based data
 - Creating alternative calendars
- **Geographical Data**
 - Mapping geographical data
 - Geospatial Mapping
 - Geospatial Data
 - The Mapping Workspace
 - Geospatial Use Cases
 - Standard Maps
 - Spatial Functions
 - Map Hierarchies
 - Geospatial Customization
 - Map Layers
 - Background Maps | WMS
 - Background Maps | Mapbox
 - Background Images
 - Common Mapping Issues
- **Advanced Data Sources**
 - Custom SQL
 - Stored Procedures
 - Parameters
- **Building Advanced Dashboards**
 - Best practices for creating dashboards
 - Building advanced dashboards
- **Tableau Prep**
 - Best practices for data prep
 - Cleaning Data
 - Shaping Data
 - Combining Data