

Tableau ~An excellent BI tool

Course contents

Praveen

Table of Contents

1. Overview	3
1.1 Data connection.....	3
1.2. Calculations and statistics	3
1.3. Visual analytics	4
1.4. Dashboard & stories	4
1.5. Advanced Mapping Techniques.....	4
1.6. Flavors of tableau	4

1. Overview

Tableau is an excellent course BI tool, herewith we are going to cover the Tableau course contents.

- ✓ Prerequisites: Excel graphics and SQL (Preferable)
- ✓ Course duration: 30 hours(including SQL basics)
- ✓ daily 11/2 hours duration
- ✓ Fast track means: weekends only
- ✓ Software's: 15 days trial version of Tableau Desktop

Free installation for Tableau reader, tableau public

1.1 Data connection

- Dimensions and Measures
- Connecting to Data Basics
- building Views
- Connecting to Databases and Advanced Features
- Editing Data Connections and Data Sources
- Editing Metadata and Saving Data Sources
- Using and Refreshing Extracts
- Join Types
- Data Blending
- Filters, Sets, actions

1.2. Calculations and statistics

- Introduction to Calculations
- Statistics Calculations
- Trend Lines, Residuals, and Forecasting
- Date Calculations
- String Calculations
- Aggregate Calculations
- Table Calculations
- Logical Calculations
- Number Calculations
- Smart calculations
- Type Conversion
- User Calculations
- R Integration

1.3. Visual analytics

- Analyzing
- Formatting
- Parameters
- Efficiency Tips
- Sorting
- Grouping
- Sets
- Filtering Conditions
- Filtering Measures

1.4. Dashboard & stories

- Dashboard Development
- Authoring for Interactivity
- Story Points
- Sharing
- Mapping and Images
- Basic Mapping
- Background Images
- Custom Geocoding
- Polygon Maps

1.5. Advanced Mapping Techniques

- Histograms
- Box Plots
- Treemaps, Word Clouds and Bubble Charts
- Waterfall Charts

1.6. Flavors of tableau

- Tableau Desktop
- Tableau online
- Tableau Reader
- Tableau Public