TABLEAU

CURRICULUM

1 Tableau Course Material

- Start Page
- Show Me
- Connecting to Excel Files
- Connecting to Text Files
- Connect to Microsoft SQL Server
- Connecting to Microsoft Analysis Services
- Creating and Removing Hierarchies
- Bins
- Joining Tables
- Data Blending

2 Learn Tableau Basic Reports

- Parameters
- Grouping Example 1
- Grouping Example 2
- Edit Groups
- Set
- Combined Sets

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- Creating a First Report
- Data Labels
- Create Folders
- Sorting Data
- Add Totals, Sub Totals and Grand Totals to Report

3 Learn Tableau Charts

- Area Chart
- Bar Chart
- Box Plot
- Bubble Chart
- Bump Chart
- Bullet Graph
- Circle Views
- Dual Combination Chart
- Dual Lines Chart
- Funnel Chart
- Traditional Funnel Charts
- Gantt Chart
- Grouped Bar or Side by Side Bars Chart
- Heatmap
- Highlight Table
- Histogram
- Cumulative Histogram
- Line Chart
- Lollipop Chart

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- Pareto Chart
- Pie Chart
- Scatter Plot
- Stacked Bar Chart
- Text Label
- Tree Map
- Word Cloud
- Waterfall Chart
- Geographic map
- Filled map
- Crosstab
- Combines axis
- Motion chart
- Reference lines

4 Custom SQL

- Convert to Custom SQL

5 Learn Tableau Advanced Reports

- Dual Axis Reports
- Blended Axis
- Individual Axis
- Add Reference Lines
- Reference Bands
- Reference Distributions

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Basic Maps
Symbol Map
Use Google Maps
Mapbox Maps as a Background Map
WMS Server Map as a Background Map

6 Learn Tableau Calculations & Filters

Calculated Fields
Basic Approach to Calculate Rank
Advanced Approach to Calculate Rank
Calculating Running Total
Filters Introduction
Quick Filters
Filters on Dimensions
Conditional Filters
Top and Bottom Filters
Filters on Measures
Context Filters
Slicing Filters
Data Source Filters
Extract Filters

6 Learn Tableau Dashboards

Create a Dashboard
Format Dashboard Layout
Create a Device Preview of a Dashboard

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- Create Filters on Dashboard
- Dashboard Objects
- Create a Story

8 Tableau data server

- Physical architecture overview
- User access
- Component functions & processes
- Tableau server on-premises
- Tableau reader
- Tableau online v tableau server

9 Tableau Server UI

- Tableau server user interface
- Users
- Site roles
- Groups
- Schedules
- Tasks
- Tableau server menu
- Content display options

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