Title: Tableau Certified Data Analyst

Course Duration: 24 Hours

Course Description:

This Course encompasses the skills every analyst needs, from performing ad hoc analysis for data exploration, to producing well-designed interactive dashboards that present data accurately. Learn how to share actionable data insights within your organization and provide business value that enables more informed business decisions.

Prerequisite: Tableau Fundamentals

- A quick walk through has been added for Tableau fundamental in Module 0.

Table of Content

Module 0: Introduction to Tableau Fundamentals
- Revisit to Tableau basics

Module 1: Connecting to Data and Creating Charts

- Connect to data
- Working with Data Extract
- Introduction to Tableau Desktop
- Compare multiple measure in Views
- Build Scatter Plot, Text Tables, Highlight Tables
- Show breakdowns using Pie Charts and Tree Maps
- Bar-in bar charts and Bullet Graphs to compare measures
- Use Histograms and Box & Whiskers Plots to show distribution

Module 2: Preparing Data

- Create relationships, joins, unions
- Blend multiple data sources
- Perform data transformation in Tableau Prep
- Customizing fields

Module 3: Calculations

- Create calculated fields for deeper analysis
- Work with date, string and type conversion functions
- Work with aggregate functions

- Aggregate dimensions in advanced calculations
- LOD expressions

Module 4: Table Calculations

- Create Quick Table Calculations
- Create custom table calculations

Module 5: Filters, Parameters and Grouping Data

- Create and use filters
- Create Parameters to enable interactivity
- Structure the data
- Create groups, hierarchies and sets

Module 6: Mapping and Analytics

- Build symbol, filled, and density maps.
- Use text tables to analyze data.
- Add totals and subtotals to text tables.
- Use the Analytics pane to add reference lines and bands.
- Analyze data using trend lines.
- Analyze data using forecasts.

Module 7: Dashboards

- Build and refine dashboards
- Create stories with data
- Add interactivity to dashboards

Module 8: Formatting and Publishing

- Format dashboards
- Publish Data sources, Extracts
- Publishing and managing Prep Flows
- Publish and manage workbooks