



## **TABLEAU COURSE CONTENT**

### **Introduction and Overview**

Introduction

Download Tableau Desktop

Install

Connecting with different database

Tableau VS Excel

Live VS Extract

Data types

Viewdata

Why Tableau? Why Visualization?

### **Tableau Architecture**

Tableau Products

Multi Layer Architecture

Application/Data/Components Layers

Windows/Web Based Components

Explanation on Services

Load Balancing

Repository etc..

Installation of Various tableau components

### **Formatting**

Column formatting

Sorting

- Drill down
- Hierarchies
- Sorting
- Grouping
- Measure names
- Measure Values
- Measure Usage
- Discrete VS Continuous
- Parameters

## **Working with Data**

In the Fundamentals class, we accepted the data for what it is! (With a basic overview of blending and joining data and working with the data engine). In the Advanced class, we will understand the difference between joining and blending data, and when we should do each. We will also consider the implications of working with large data sets, and consider options for when and how to work with extracts and the data engine. We will also investigate best practices in “sharing” data sources for Tableau Server users.

- Combine
- Sets
- Title
- Caption
- Exporting & Granularity
- Worksheet interface
- Managing data
- Types of joins
- Cross data joins
- Data Blending
- Data Calculations
- Filter shelf
- Data filters

Interactive filters

Adv Interactive filters

Tableau filters

Data source filters

Ways to filter

Format Filters

Size

Color

Label

Tool Tip

Shapes

Font

Shading

Alignments

Borders

## **Working with Visualizations**

Creating Views

Marks

Size and Transparency, Highlighting

Bar in Bar & Box Plot

Bullet Chart & Pareto Chart

Spark Line

KPI Chart

Date aggregations and date parts

Dual Axis / Multiple Measures

Geographic Map

Page Trails

Heat Map & Scatter Plots

Pie Charts and Bar Charts

Working with aggregate versus disaggregate data

Cross-Tabs (Pivot Tables)

Totals and Subtotals Percent of Total  
Working with Statistics and Trend lines

## **Calculations**

Number Functions

String Functions

Table Calculations

Computer using

Condition Formatting & rank

Logical Functions

## **Charts**

Introduction to Charts

Scatter charts

World map

Line Charts

Reference Lines

Bubble Charts

Bar Charts

Stocked Charts

Tree Maps

Bump Charts

Funnel Charts

Waterfall Charts

Pie Charts

Map Options

Map Layers

Custom territories

Custom Geo coding

Region wise Populations

Vehicle Registration state wise, National Park

## **Worksheet options**

Highlighting

Action filter

Action Highlight

Action URL

Action URL to Courses

## **Creating Dashboards**

Dashboard Introduction

Dashboard Webpage

Dashboard format

Story Point

Device Designer

## **Reports Publishing**

Publishing Repots

Interacting with Tableau Online

Publishing to Tableau Server

Scheduling

Security Options

Server Usage

Interacting with Published Visualization.

**ADDRESS: #301, 3<sup>rd</sup> Floor, Siri Plaza, Behind KPHB bus stop, Opp:  
R.S.Brothers, KPHB**

**CONTACT: 8142999100**