

TABLEAU COURSE CONTENT

INTRODUCTION

Understanding Data Visualization
Tableau product family
Architecture
Features

GETTING STARTED

Connecting data
Understanding process engine of Tableau
Creating basic visualizations like Text Tables,
Bar, Line, Pie charts and Maps, Highlight Tables
Scatter Plots, Continuous Lines, Tree Maps
Circle Plots Chart, Heat Maps, Area Charts

ADVANCE VISUALIZATIONS

Dual Charts, Dual Axis, Combination charts,
Gantt chart, Bullet chart, Histogram, Box-whisker
graph, Motion Chart, Water Fall Charts

DATA MANUPULATIONS

Hierarchies, Sets, Groups, Bins
Filtering, Sorting, Totals and Sub Totals
Aggregations, Date/time functions
String Functions and logical functions
Data Items, Accessing data behind view

ADVANCED CALCULATIONS

Level of detail, Table Calculations, Custom
Table Calculations
YTD, Parallel Period, Moving Averages,
Running totals, Window Averages, Trend Lines
and Predictive Models

INCREMENTAL LOADING & BLENDING

Data Blending
Creating File Extractions and Extract refresh
Parameters

INTEGRATING TABLEAU with R & BIG DATA

Connect to Hadoop Systems from Tableau,
For Statistical Analytics Integrating Tableau with R