



## Tableau Foundation Course

### Description:

Tableau enables critical decision-makers to learn how to display data and uncover data patterns such as customer purchase behavior, sales trends, or production bottlenecks. This course will cover all of Tableau's capabilities that allow you to explore, experiment with, prepare, and present data fast and beautifully throughout an organisation, and we'll walk you through the entire process so you can make an impact and join the industry.

### Start Date:

### Doubt Clear Time:

### Course Time:

Flexible

### Features:

# Course Materials

# Self Paced Learning

# Lifetime Dashboard Access

# Completion Certificate

### **What we learn:**

# Tableau desktop installation

# Connecting Tableau with a variety of data sources, including excel and CSV files.

# Creating interactive dashboard

# Creating data stories

# Generating business insights

# Sorting, Filtering

# Marks Card

# Formatting in Tableau

# Lines and Bands

# Charts in Tableau

### **Requirements:**

# System with minimum i3 processor or better

# At least 4 GB of RAM

# Working internet connection

# Dedication to learn

### **Instructor:**

#### **Name:**

Dr Nishtha Jain

#### **Description:**

I am a doctor by profession but a teacher by passion. I have been into the teaching profession for the last 3 years. I have

been and am still a mentor for various courses which include technical as well as non-technical ones. These include MS-Excel, Tableau, Computer basics, Biology, English, etc. I love to learn, explore and share my knowledge to whatever extent possible. Being an ardent educator, I have always helped all my students and will continue to do the same.

### **>Introduction:**

>>Introduction - BI and Data Visualization

### **>Tableau - Introduction and Architecture:**

>>Tableau suite and system requirements

>>Tableau architecture and Why Tableau

>>Tableau installation

### **>Data in Tableau:**

>>Datatypes and Desktop UI

>>Live vs Extract connection

>>Dimensions, Measures, Continuous and Discrete

### **>Sets in Tableau:**

>>Sets in Tableau

### **>Sorting, Filtering:**

>>Sorting and Filtering

>>Advanced filtering

## **>Parameters:**

>>Parameters in Tableau

## **>A few basics:**

>>Hide, Unhide, Rename, Copy, Split

## **>Groups, Folders and Hierarchies:**

>>Groups and Folders

>>Hierarchies

## **>Marks Card:**

>>Marks card, Part 1

>>Marks card, Part 2

## **>Views:**

>>Views in Tableau

## **>Highlighting:**

>>Highlighting in Tableau

## **>Formatting in Tableau:**

>>Formatting - Font

>>Formatting - Alignment, Shading

>>Formatting - Border, Lines, Fields, Title, Caption

## **>Lines and Bands:**

>>Reference lines, bands, distribution

>>Zero lines and Drop lines

## **>Tableau Worksheets:**

>>Working on worksheets

## **>Charts in Tableau - Part 1:**

>>Charts' Introduction

>>Bar (Column) Charts

>>Pie Charts

>>Treemap

>>Packed bubbles

## **>Calculated fields:**

>>Calculated fields

## **>Charts in Tableau - Part 2:**

>>Wordmaps or Wordclouds

>>Bins and Histogram

>>Line Charts

>>Scatter Plot

>>Text tables

>>Maps

>>Dual Axes charts, Part 1

>>Dual Axes charts, Part 2

### **>Aggregation and Granularity:**

>>Aggregation and Granularity

### **>Conditional formatting:**

>>Conditional formatting, Part 1

>>Conditional formatting, Part 2

### **>Charts in Tableau - Part 3:**

>>Funnel chart and types

>>Gantt and Waterfall Charts

>>Donut and multiple Donut Charts

>>Calendar Chart

>>Dumbbell Chart

### **>Charts in Tableau Part - 4:**

>>Animation charts

>>Heatmaps

>>Bullet graphs

>>Bump Chart

## **>Database Functions in Tableau:**

>>Database Functions in Tableau

### **>Box and Whisker Plot:**

>>Box and Whisker, Part 1

>>Box and Whisker, Part 2

### **>Table Calculations and Pareto:**

>>Table calculations

>>Running total and Pareto Chart

### **>Analytics Pane:**

>>Analytics pane 1

>>Analytics pane 2

>>Analytics pane 3

### **>Time Series and Forecasting:**

>>Time series analysis and Forecasting