

DATA VISUALIZATION USING TABLEAU (WEEK-1)



DSBA CURRICULUM DESIGN

FOUNDATIONS

**Python for Data
Science**

**Statistical Methods
for Decision
Making**

CORE COURSES

**Advanced
Statistics**

Data Mining

Predictive Modelling

Machine Learning

**Data Visualization
(Week-1/3)**

**Time Series
Forecasting**

SQL

DOMAIN APPLICATIONS

**Financial Risk
Analytics**

**Marketing Retail
Analytics**

LEARNING OBJECTIVE OF THIS MODULE

- Design Principles
- Building Dashboards
- Building Storyboards

(Software used- Tableau Public)

LEARNING OBJECTIVES OF THIS SESSION

- Importing dataset in Tableau
- Design Principles
- Calculative Fields

VISUAL ANALYTICS and 7 step Process

- Step 1 – Understand Cognitive Perception
- Step 2 – Eliminate Visual Clutters
- Step 3 - Choose an appropriate display mechanism
- Step 4 – Design Dashboards
- Step 5 – Explore Visually
- Step 6 – Analyze Visually
- Step 7 – Create Storyboards



Data Science @ Work

Apply **Data Science at your workplace** to gain some instant benefits:

- Get noticed by your management with your outstanding analysis backed by data science.
- Create an impact in your organization by taking up small projects/initiatives to solve critical issues using data science.
- Network with members from the data science vertical of your organization and seek opportunities to contribute in small projects.
- Share your success stories with us and the world to position yourself as a subject matter expert in data science.

CASE STUDY- Superstore

We have sales data of a Superstore. Lets Analyse various aspects of the given data using Tableau.



ANY QUESTIONS



HAPPY LEARNING