### Power BI Assignment

### Note: Solve all the powerbi assignments in a single Powerbi workbook and submit your assignment in .pbix format only.

### Q1. Power BI Platform

### What is PowerBI and What are the various Platforms of Power BI?

### Ans- PowerBi is an visualization tool that helps to analyze and share data.

### Various platforms of PowerBi are:-

### PowerBi Desktop,

### PowerBi Service

### PowerBi Mobile Apps

### POwerBi server

### Q2. Dax

### Create a line and clustered column chart and compare this year vs last year's sales along with growth % using DAX? Refer superstore dataset

### Q3. Data Modeling

### Import data from [2023 Worldwide Box Office - Box Office Mojo](https://www.boxofficemojo.com/year/world/?ref_=bo_nb_yl_tab) and add the past 3 years of data in the Power Query editor, create a master table of the past 3 years of data, and load only master data in the Power BI query editor or Power BI desktop?

### Q4. Waterfall chart

Create the Waterfall Chart to show Category-wise, Yearly Analysis using Superstore Dataset.

### Q5. Hierarchy: -

### Create the Hierchey and rename with Location for Country-State-Region-City -Postal Code and Show the Location wise Sales using Superstore Dataset

### 

### Q6. Book mark

Create a clustered column chart referring to the order date and sales, then apply bookmarks based on date Year, Quarter, and Month using **Finance Dataset. Done**  
Chart, bar chart

Description automatically generated

### Q7. Drill through

Create Donut Chart to Show region wise Profit and Drill through the other page with West Region using Superstore Dataset

### Q8. Conditional formatting

Using Superstore Dataset, create a table visual to show the Subcategory Wise Sales Profit Quantity Discount and Apply Conditional Formatting based on the below condition:

* Sales: Apply background color with lowest in red and highest in green.
* Profit: Use arrow icons, red for profit < 0 and green for profit > 0
* Quantity: Apply data bars.
* Discount: Set font color to red for lowest and green for highest.

### Q9. Dashboard

Create the Finance Dashboard and add Navigation, Cards, Charts, Link to the Website and Slicer **(Using Finance Dataset)**