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?

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 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?
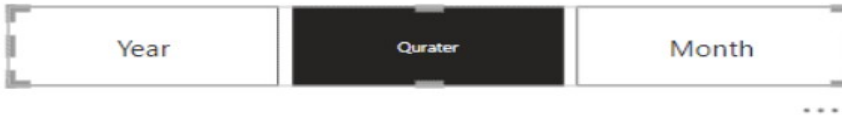
Q4. Waterfall chart

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.**

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)**