DA-Session-20-DPP

Assignment Questions

Dataset Link : *Sales Dataset*

1. **PivotTable Creation:**
   a. Create a PivotTable to summarize total revenue per region. Which region has the highest total revenue?

2. **Slicer Implementation:**
   a. Add a slicer for the **Salesperson** column. How many unique salespersons are in the dataset?

3. **Timeline Usage:**
   a. Insert a timeline for the **Date** column. What is the total revenue for January 2024?

4. **PivotChart Analysis:**
   a. Create a PivotChart for **Revenue by Product**. Which product generates the most revenue?

5. **Profitability Check:**
   a. Using a PivotTable, find the salesperson with the highest total profit. Who is it?

6. **Discount Impact:**
   a. Calculate the average discount applied per region using a PivotTable. Which region has the highest average discount?

7. **Filtering with Slicers:**
   a. Apply a slicer to filter sales by **Product = Laptop**. What is the total revenue from laptop sales?

8. **Conditional Formatting:**
   a. Apply conditional formatting to highlight sales where the **Profit** is below $1000. How many such sales are there?

9. **Calculated Field:**
   a. Create a **Profit Margin** % calculated field as `(Profit / Revenue) * 100`. What is the highest profit margin in the dataset?

10. **Dashboard Creation:**
    a. Combine the PivotTables, PivotCharts, Slicers, and Timelines into a single interactive dashboard. Take a screenshot of your final dashboard.