

DA-Session-18-DPP

Assignment Questions



Dataset: Sales Transaction Dataset

1. Creating a Pivot Table

Create a pivot table to summarize the **total revenue for each region**. What steps would you follow?

2. Filtering Data

Using a pivot table, how can you filter the dataset to show only **sales for Electronics**?

3. Sorting Revenue in Descending Order

How can you sort the pivot table so that **regions with the highest revenue appear at the top**?

4. Grouping Data by Month

How would you **group the transactions by month** to analyze sales trends over time?

5. Adding a Calculated Field

Create a **calculated field** in the pivot table to determine **Profit (Revenue - Cost)** for each salesperson.

6. Using Slicers for Interactive Filtering

How would you use a **slicer** to filter data by a Salesperson so that you can quickly compare performance?

7. Identifying the Best-Selling Product

Using the pivot table, determine which **Product** category generated the highest total revenue.

8. Applying Conditional Formatting

Apply **conditional formatting** to highlight transactions where revenue is **greater than \$1,500**.

9. Creating a Pivot Chart

Convert the pivot table into a **Pivot Chart** to visually compare **revenue by product category**. Which type of chart would be most suitable?

10. Refreshing the Pivot Table

If new transactions are added to the dataset, what steps must you take to **update the pivot table** so that it reflects the latest data?