

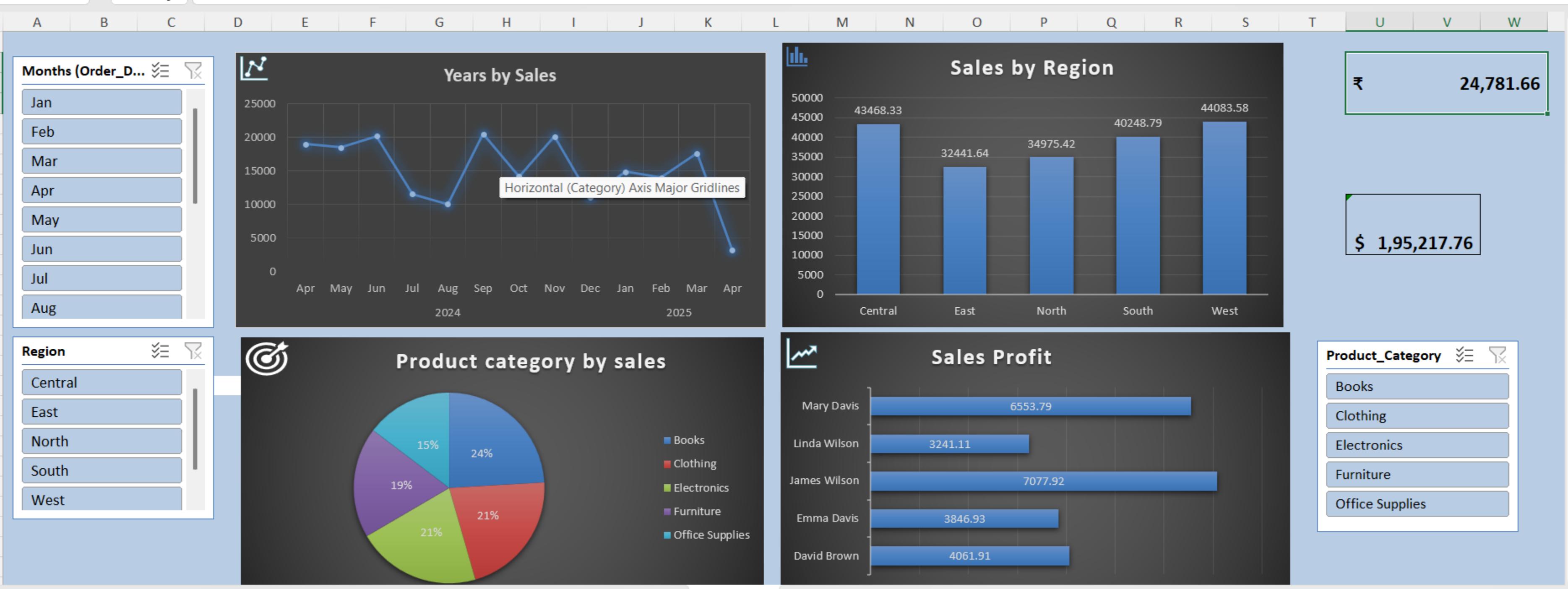
PR. 2 Analyzer

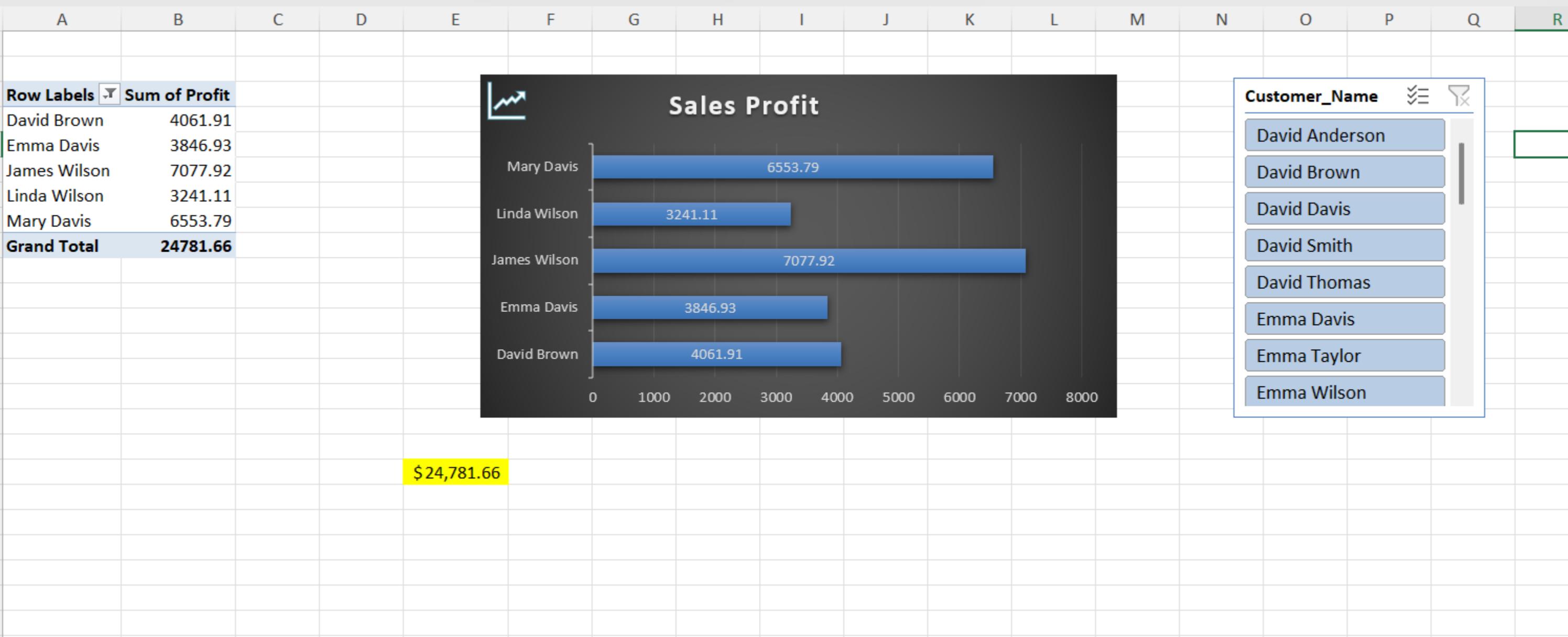
Topics:

- Conditional Formatting
- WHAT IF Analysis
- Linear Regression (Using Data Analysis Toolpak)
- Data Analysis Feature (Descriptive Stats, Regression, Histogram)
- Data Storytelling
- Add Symbols or Arrows in Custom Formatting
- Create Timestamp
- Find High-Value Customers using Groupby(), index(), and match() combination
- Advanced Descriptive Analytics
- Pivot Table with Dashboard
- Creating bar charts
- Creating line charts
- Creating pie charts

Main Tasks:

1. Apply conditional formatting to highlight top 10 customers based on total purchase.
2. Perform WHAT IF Analysis to see impact of changing discount on total profit.
3. Use Data Analysis Toolpak to run Linear Regression (Profit vs Sales).
4. Use 'Descriptive Statistics' from Analysis Toolpak on the dataset.
5. Add up/down arrows on monthly sales growth.
6. Create a timestamp column using NOW().
7. Identify high-value customers using index(), match(), and filters.
8. Create Pivot Table to analyze total sales by region and product.
9. Create bar, line, and pie charts to visualize KPIs.
10. Summarize insights using a dashboard.





Clipboard

Font

Alignment

Number

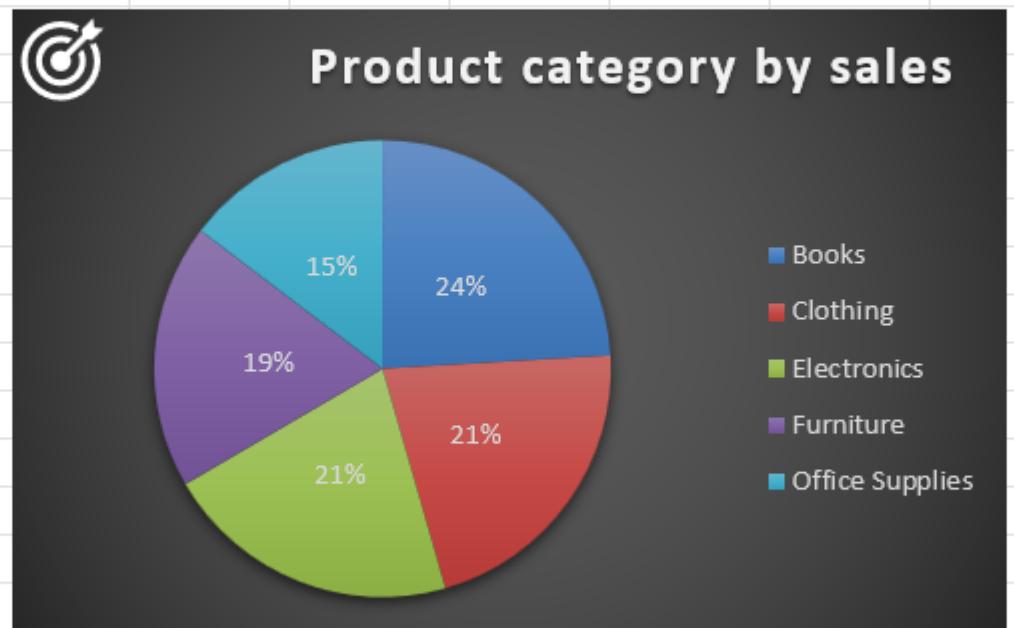
Styles

▼ ⋮ X ✓ fx Books

A B C D E F G H I J K L M N O

Row Labels Sum of Sales

Books	47002.46
Clothing	41927.59
Electronics	41044
Furniture	36612.89
Office Supplies	28630.82
Grand Total	195217.76



Product Category	Filter
Books	Filter
Clothing	Filter
Electronics	Filter
Furniture	Filter
Office Supplies	Filter

Clipboard

Font

Alignment

Number

Styles

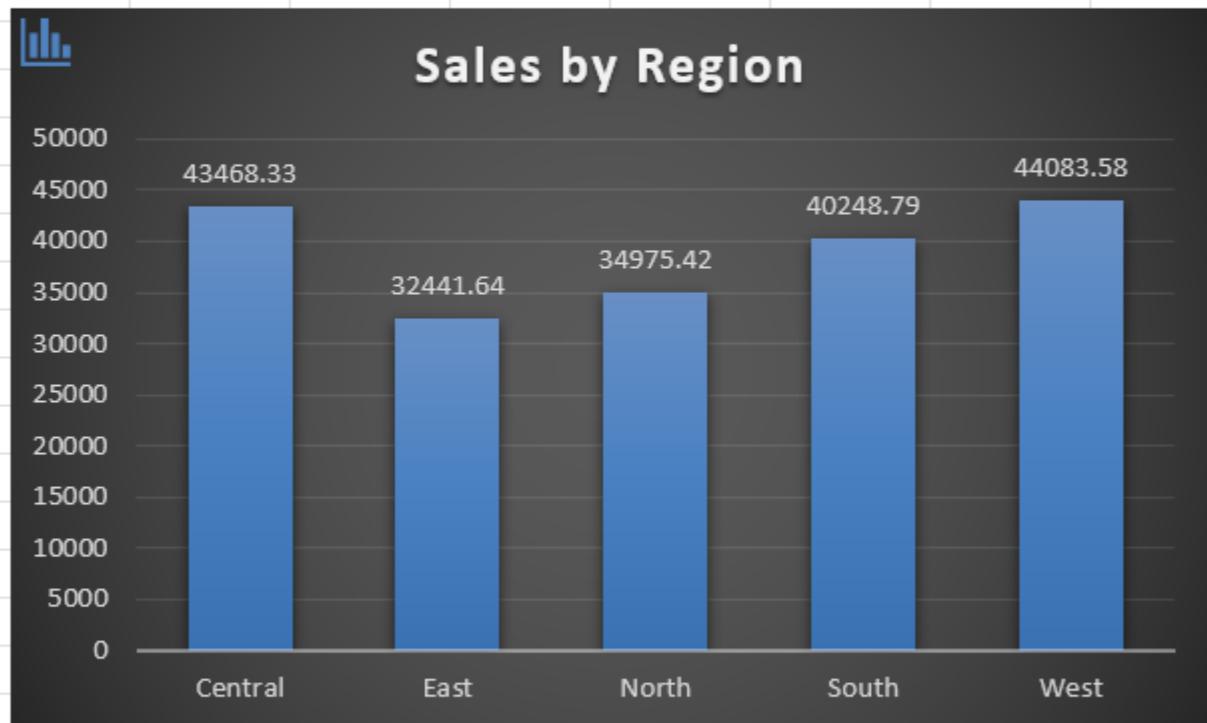
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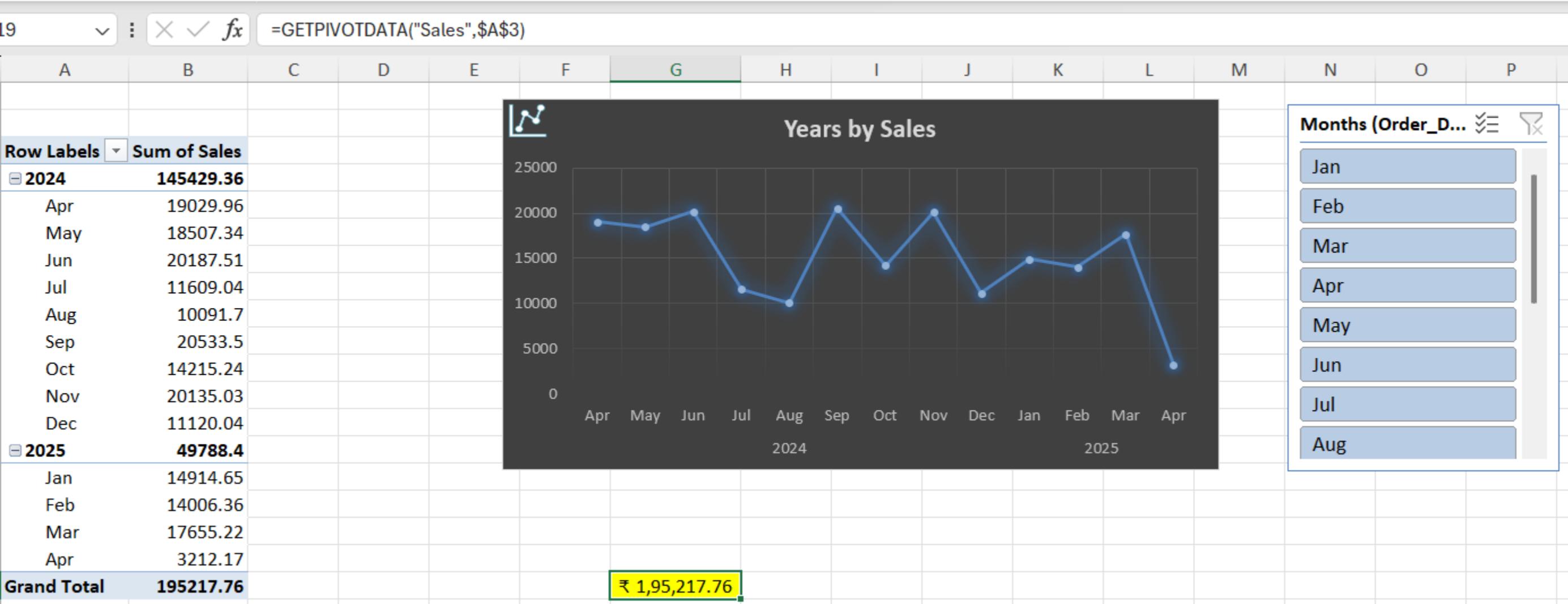
Central

A B C D E F G H I J K L M N O P

Row Labels	Sum of Sales
Central	43468.33
East	32441.64
North	34975.42
South	40248.79
West	44083.58
Grand Total	195217.76



Region
Central
East
North
South
West



A	B	C
<i>Sales</i>		
Mean	976.0888	
Standard Error	21.16185045	
Median	976.72	
Mode	#N/A	
Standard Deviation	299.2737591	
Sample Variance	89564.78288	
Kurtosis	-0.088595232	
Skewness	0.146857966	
Range	1665.15	
Minimum	258.51	
Maximum	1923.66	
Sum	195217.76	
Count	200	
Largest(2)	1681.21	
Smallest(2)	309.42	

