# ✅ (a) Prompt 1 – ChatGPT

I want to build an Excel dashboard. I have provided you the sample data. Carefully analyze this data and suggest what information we should display on the dashboard, and how?

I want to display some key numbers as well as different graphs that make it easier for the audience to quickly visualize key metrics and trends.

# ✅ (b) Prompt 2 – ChatGPT

I want to create cards in Excel on which I will place the charts to create a dashboard.

Use “Rounded Rectangle” inside Excel’s [Insert > Shapes] menu to create cards as follows:

▶ Create Cards 1 to 6 horizontally (side by side) in a single row:

• Card 1: Height = 0.75 inch, Width = 1.65 inch

• Card 2: Height = 0.75 inch, Width = 2.00 inch

• Card 3: Height = 0.75 inch, Width = 2.00 inch

• Card 4: Height = 0.75 inch, Width = 2.00 inch

• Card 5: Height = 0.75 inch, Width = 3.80 inch

• Card 6: Height = 5.30 inch, Width = 2.50 inch

▶ Create Cards 7, 8, and 9 below Cards 1–5, side by side in a row:

• Card 7: Height = 2.10 inch, Width = 6.60 inch

• Card 8: Height = 2.10 inch, Width = 2.60 inch

• Card 9: Height = 2.10 inch, Width = 2.60 inch

▶ Create Cards 10, 11, and 12 below Cards 7–9:

• Card 10: Height = 2.10 inch, Width = 4.10 inch

• Card 11: Height = 2.10 inch, Width = 2.50 inch

• Card 12: Height = 2.10 inch, Width = 5.00 inch

🖌️ Cards Formatting:

• Fill Color: White

• No Borders

• Border Radius: 0.03

• Margin (Top, Bottom, Left, Right): 12 pixels

✏ Rename Cards Using “Selection Pane”:

• Card1 = cfilters

• Card2 = ctsales

• Card3 = ctmargin

• Card4 = cpmargin

• Card5 = ccustcount

• Card6 = ctop10

• Card7 = csalestrend

• Card8 = ccustsource

• Card9 = csalescity

• Card10 = csalesservice

• Card11 = cdeptmargin

• Card12 = cnewrepeat

🖥 Sheet Formatting:

• Remove all gridlines

• Fill entire sheet background with color RGB(217, 217, 217)

• Ignore print area/margins — allow cards to overlap freely

• Leave Row 1 to 4 empty, and start creating cards from Row 5

🔁 To Do:

Write me a VBA code that I can insert into a module and run via a button to automatically generate these cards.

# ✅ (c) Prompt 3 – ChatGPT

I am building an Excel dashboard and I have the dataset in a sheet named “Data”.

Inside this sheet, I have a table named “salesdata”.

I have created another blank sheet named “Pivot”.

You need to use the table salesdata inside the Data sheet and create the following Pivot Tables:

📊 Pivot Tables:

1. totalsales:

• Values: Sales Amount

2. totalmargin:

• Values: Margin Amount

3. customerscount:

• Rows: Sale Type

• Values: Customer Name

4. salestrend:

• Rows: Year, Month

• Values: Sales Amount

5. customersource:

• Rows: Year

• Columns: Customer Source

• Values: Sales Amount

6. salesbycity:

• Rows: City

• Values: Sales Amount

7. top10:

• Rows: Customer Name

• Values: Sales Amount

8. salesbyservice:

• Rows: Service

• Values: Sales Amount

9. departmentmargin:

• Rows: Department

• Values: Margin Amount

10. newvsrepeat:

• Rows: Year, Month

• Columns: Sale Type

• Values: Sales Amount

🔁 VBA Instructions:

• Write VBA to create all the above pivot tables

• Run in existing sheet: "Pivot"

• Data source: Table "salesdata" in "Data" sheet

• Place each pivot table in a new row

• Leave one blank row between each table

• Name the Sub:

Sub GeneratePivotTables()