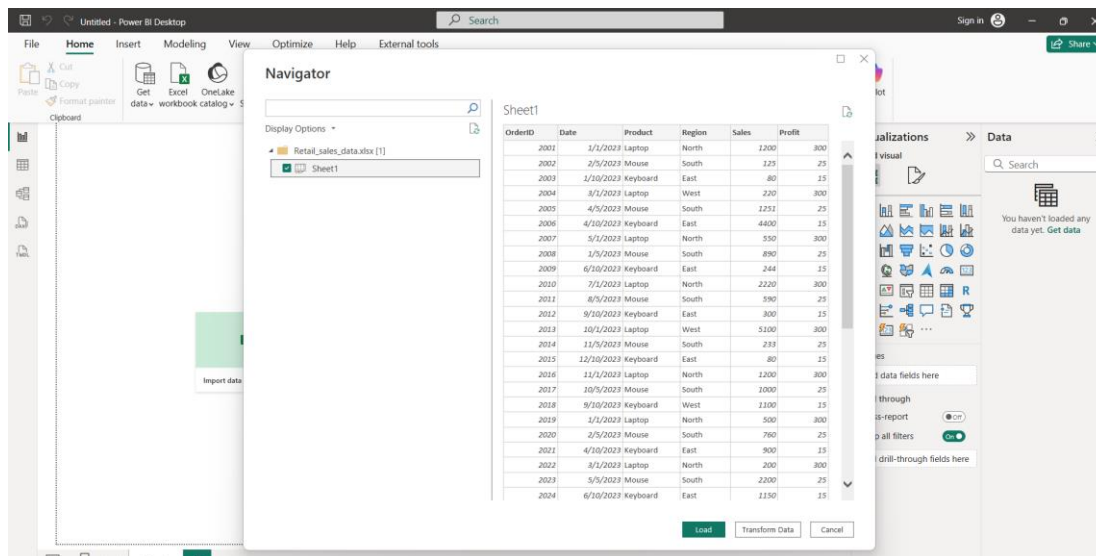
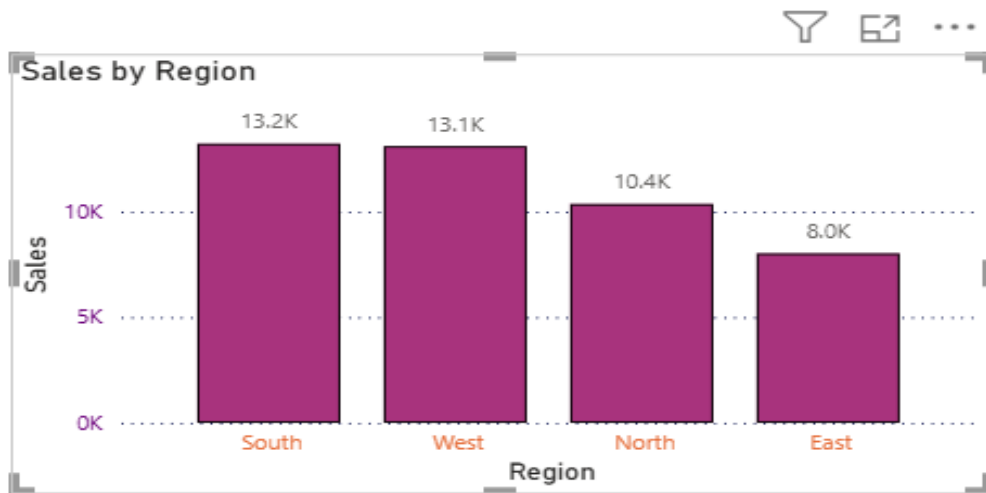


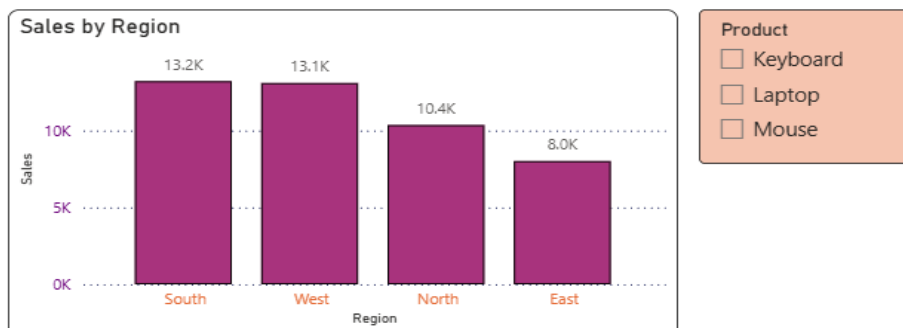
1. Import Retail_Sales_Data.xlsx into Power BI.



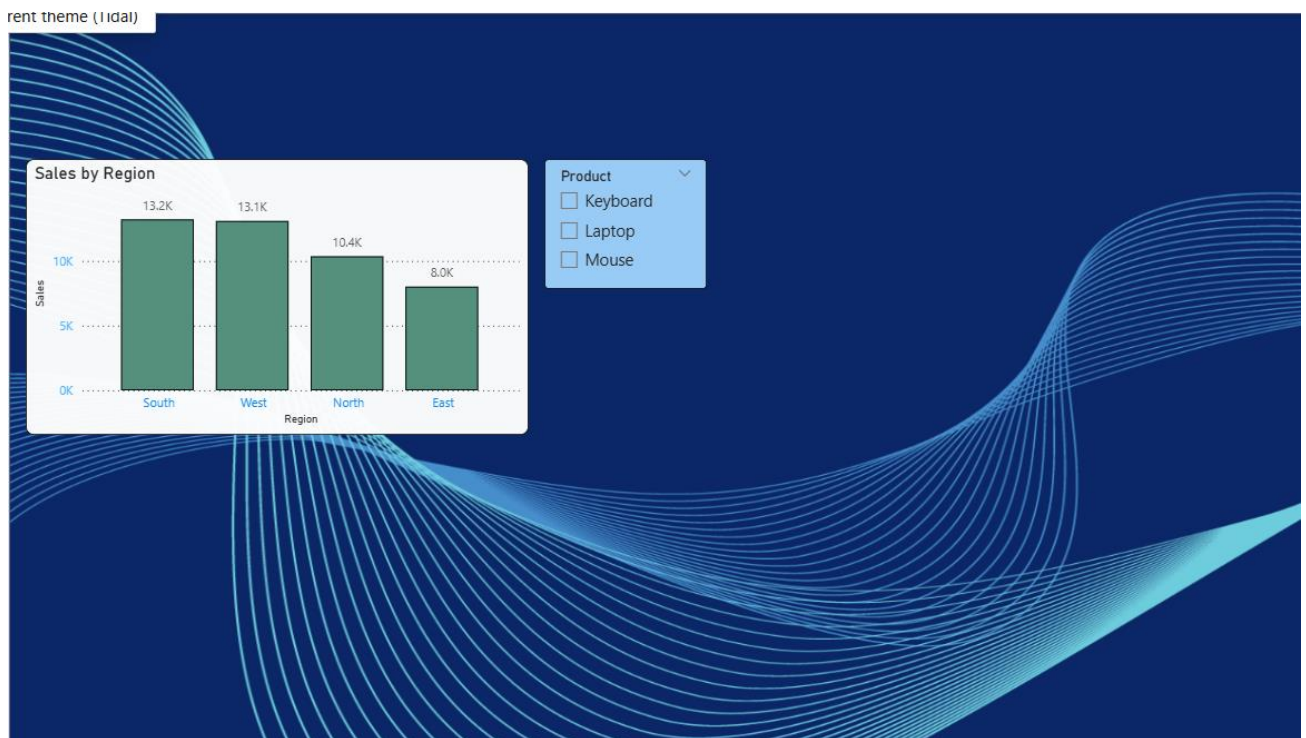
2. Create a table visual showing Region and Sales.



3. Add a slicer for Product.



4. Format the dashboard theme to "Dark Mode."



5. What is the purpose of the "Data/Model" view in Power BI?

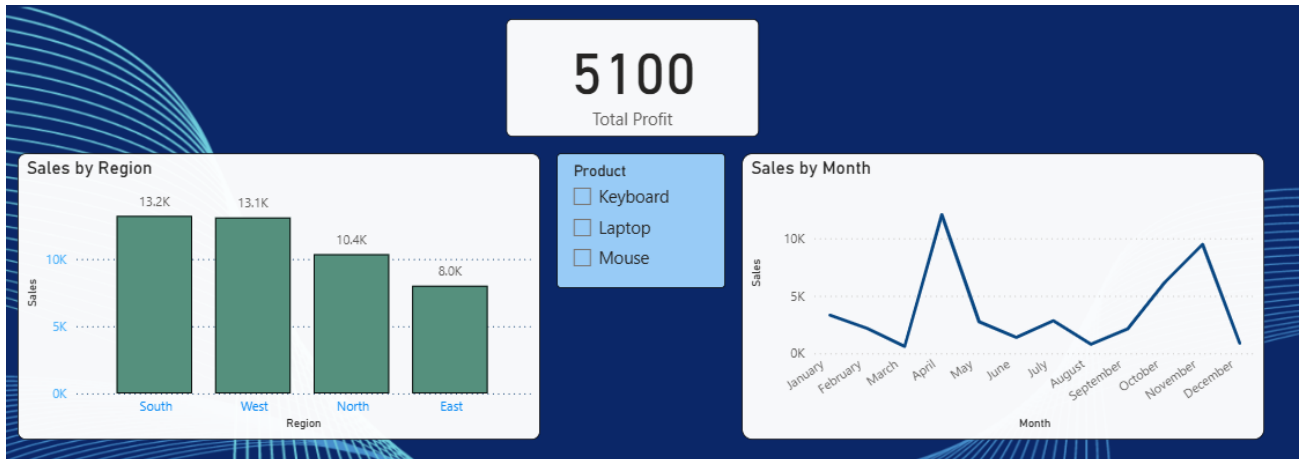
The Data/Model view is used to build and manage your data model in Power BI.

It lets you:

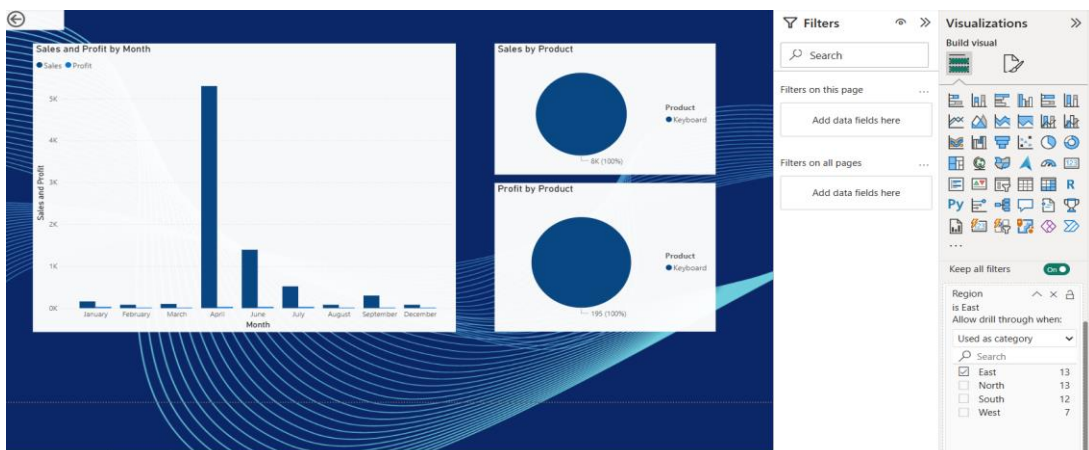
- Create and manage relationships between tables
 - drag fields to connect tables
 - set relationship cardinality and cross-filter direction
- 📁 See the structure of your tables (fields, data types, hierarchies)
 - rename columns
 - change data types
 - hide fields from report view

6. Build a dashboard with:

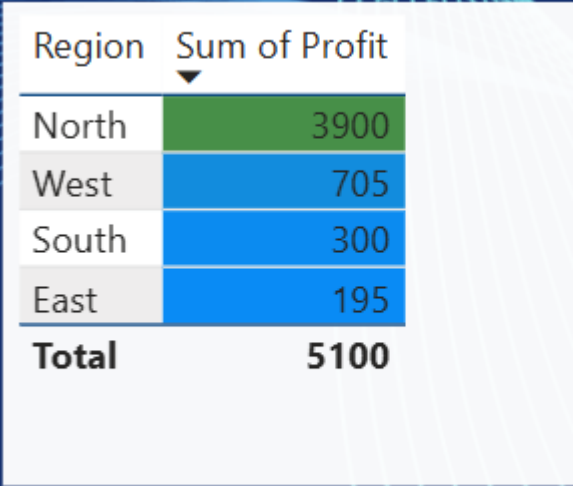
- A bar chart of Sales by Region.
- A line chart of Sales over Date.
- A card showing total Profit



7. Add a drill-through filter from Region to a detailed sales page.



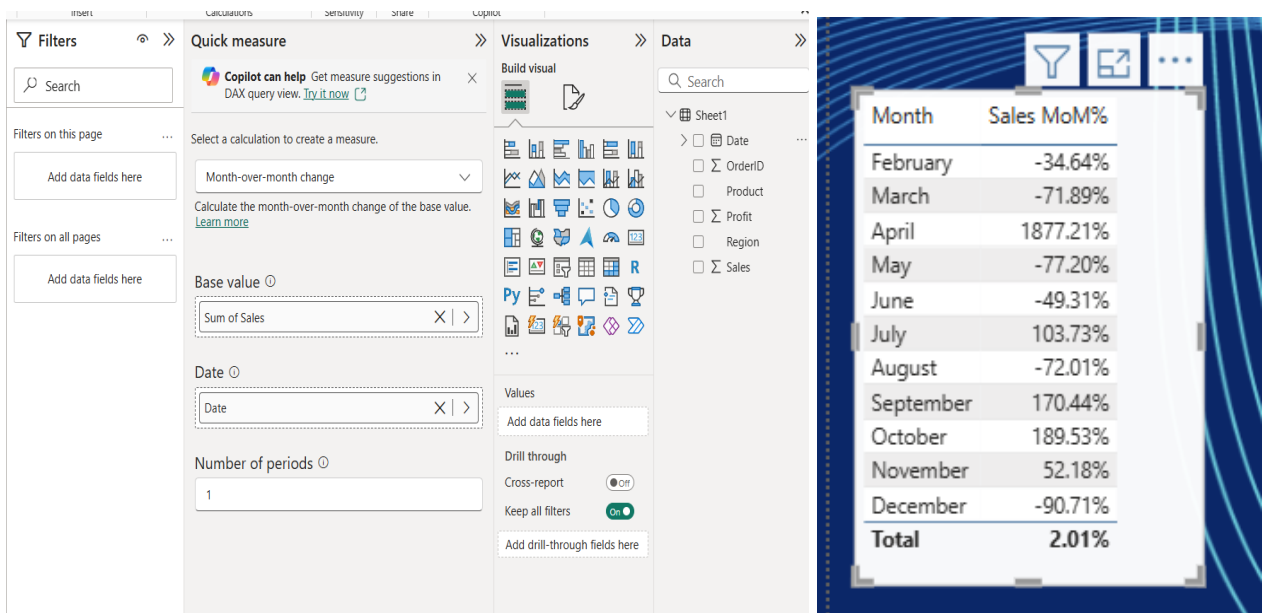
8. Use conditional formatting to highlight high-profit regions.



A table titled "Region" and "Sum of Profit" is displayed against a blue background with white grid lines. The table has two columns: "Region" and "Sum of Profit". The rows are North, West, South, East, and Total. The "North" row is highlighted in green, while the other rows are highlighted in blue. The "Total" row is in bold.

Region	Sum of Profit
North	3900
West	705
South	300
East	195
Total	5100

11. Add a custom "Sales Growth %" measure without DAX (use Quick Measures).



The screenshot shows the Power BI Quick Measure interface on the left and the resulting table on the right. The Quick Measure interface has tabs for Filters, Quick measure, Visualizations, and Data. The Quick measure tab is active, showing a search bar, a dropdown for "Month-over-month change", a description "Calculate the month-over-month change of the base value.", a "Base value" field containing "Sum of Sales", a "Date" field containing "Date", and a "Number of periods" field containing "1". The Visualizations tab shows a "Build visual" section with various chart icons and a "Values" section with "Add data fields here". The Data tab shows a search bar and a list of fields: Date, OrderID, Product, Profit, Region, and Sales. The resulting table on the right is titled "Month" and "Sales MoM%". It lists the months from February to December with their respective Sales MoM% values, and a Total row at the bottom.

Month	Sales MoM%
February	-34.64%
March	-71.89%
April	1877.21%
May	-77.20%
June	-49.31%
July	103.73%
August	-72.01%
September	170.44%
October	189.53%
November	52.18%
December	-90.71%
Total	2.01%

12. Troubleshoot: Slicers not affecting all visuals—how to fix?

1. Check *Edit Interactions*

Power BI allows you to control which visuals a slicer affects.

How to check it:

1. Go to the **Format** tab on the ribbon.
2. Click **Edit Interactions**.
3. Click the **slicer visual**.
4. On every other visual, make sure the **filter icon** (▼) is selected — not the ✕ icon.

If a visual shows a ✕ icon → that slicer does **not** affect it.

✓ 2. Check relationships between tables

If the slicer field is from a table that is **not related** to the tables used by the visual, the filter **cannot propagate**.

- Go to **Model** view →
Check that the slicer's field is connected via a relationship to the table used in your visual.
 - If there is **no relationship**, add one.
 - If the relationship exists but filter direction is wrong → change it to **single** or **both** (depending on your scenario).
-

✓ 3. Make sure slicers are syncing (if using multiple pages)

If your slicer is on Page1 and the visual is on Page2 → use **Sync Slicers** to apply it across pages.