Filtering & Slicing in Power BI

What is Filtering?

Filtering is the process of narrowing down the data shown in visuals based on **user selection or predefined logic**. It's essential for creating **interactive dashboards** that focus on what the user needs.

Types of Filters:

Filter Type	Scope
Visual-level	Affects only a **single visual**
Page-level	Applies to **all visuals** on a page
Report-level	Applies across **all pages**
Slicers	User-selectable visual filters

How to Apply Filters:

- Open the **Fields pane** in Power BI.
- Drag a column into the **Filter pane** or insert a **Slicer visual**.
- Choose values (like categories, dates) to **filter visuals**.

Example:

Want to see sales in one region? → Add a slicer → Drag "Region" into it → Select "South"

Power Tips:

- Use **hierarchical slicers** (Year > Quarter > Month) for drill-downs.
- Combine slicers with **DAX measures** for dynamic filtering.
- Relative date slicers (e.g., last 7 days) keep your dashboard current.

Bonus: Filter Pane Smart Usage

- In the **Transform Data** view:

  - Click on the column you want to filter.

  - Power BI shows a filter icon .

  - You can **filter before loading** into the model.

This helps reduce model size and improve performance!

Diagram: