

Assignment: Create a Macro-Enabled Dashboard with Slicers

 Dataset: *Raw Data.xlsx*

Objective:

Design an **interactive dashboard** in Excel using **Macros** and **Slicers** to provide key insights from the data. This dashboard should help a user dynamically filter and view trends or summaries based on the available fields.

Instructions:

1. Load the Data:

- Use the raw data provided in the file *Raw Data.xlsx*.
- Ensure all data is properly formatted as an Excel **Table** to facilitate slicer use.

2. Create Pivot Tables:

- Generate at least **2–3 Pivot Tables** summarizing key insights such as:
 - Total Sales by Region
 - Sales by Product Category and Subcategory
 - Monthly Sales Trend

3. Insert Slicers:

- Add slicers for the following fields:
 - Region
 - Product Category
 - Month or Order Date
- Ensure slicers are connected to all relevant Pivot Tables.

4. Develop a Dashboard:

- On a new sheet named **Dashboard**, place the Pivot Charts and Slicers in a clean, well-aligned layout.
- Use **data labels**, **legends**, and **titles** for better readability.

5. Automate with Macros:

- Create a **macro button** (e.g., "Reset Slicers") to:
 - Clear all slicer selections.
 - Refresh all Pivot Tables.
- Optionally, create macros for:
 - Navigating to different dashboard sections

- Exporting the dashboard to PDF

6. Enable Macro Mode:

- Save your final file as **Macro-Enabled Workbook (*.xlsm)**.
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Submission Requirements:

- Submit your final file named as:
YourName_MacroDashboard.xlsm
- Ensure all slicers and macros function correctly before submission.