Global Superstore Data Challenge

📌 **Objective:** Use Excel skills (**Filter, Sort, Conditional Formatting, Functions, VLOOKUP, Pivot Tables, Pivot Charts, and Slicers**) to analyse sales data and uncover key insights.

**1️) Filter & Sort (10 mins)**

✅ **Sort** the dataset to show **Top 10 highest sales**. What are the categories of Top 10 highest selling products?

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✅ **Filter** orders to show only:

* Orders from the year **2015**.
* Orders with a **discount greater than 0.5%**.
* Orders in the **"Technology"** category.
* Sort Profit by smallest to largest.
* What is the lowest profit amount?

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**2️) Conditional Formatting (10 mins)**

✅ Highlight orders where **Profit is positive** (use green fill).

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✅ Use **data bars** to visually represent **Sales values**. Remove conditional formatting rules.

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**3) Functions (25 mins)**

✅ Use **SUMIFS** to calculate **total sales per region**. Which region has highest total?

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✅ Use **COUNTIFS** to count the **number of orders(by OrderID) per category**. Which category has highest number of orders?

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✅ Use **AVERAGEIF** to find the **average discount per category**. Which category has lowest average discount?

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**4) XLOOKUP (15 mins)**

✅ Create a new column Profit Margin by Diving Profit to Sales and set number format to percentage.

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✅ Create formula to find the **profit margin** for a given **ProductID** using XLOOKUP.

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**5)** **Pivot Table, Pivot Chart & Slicers (15 mins)**

✅ Create a **Pivot Table** to analyse **Total Sales and Profit by Category & Sub-Category**.

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✅ Insert a **Pivot Chart** (bar or column chart) to visualize **Sales by Region**.

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✅ Add **Slicers** to filter data dynamically based on:

* **Year**
* **Region**
* **Category**

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**6) You can experiment with different Excel features.**

- Filter by your location or a country

Focus on a market or a region