**Section 6:** **AI Tools & LLMs (30 mins)**

**Option A: Prompt Engineering ( Excel formula generation )**

**Prompt I used:** How can I clean dataset in excel such as removing blank rows, duplicates, etc.

**CHATGPT:**

**🔹 1. Remove Blank/Null Values**.

**How to:**

* Select your data
* Go to **Data → Filter**
* Click the dropdown on columns like CustomerID.
* Uncheck (Blanks) → Select visible rows → **Delete**
* Repeat for all important columns

**🔹 2. Remove Duplicates**

**How to:**

* Select all your data
* Go to **Data → Remove Duplicates**
* Select all columns → Click OK

**>> What did prompt do well?**

**Ans**: It gives all instruction working for me.

**>> What did you have to modify or improve?  
Ans**: Nothing**.**

**Prompt I Used:** How can I make pivot table to show sales by Country and month.

**CHATGPT:**

**Step 1: Make Sure These Columns Exist**

* Country ✅
* Month ✅ (created using: =TEXT(InvoiceDate, "yyyy-mm"))
* TotalPrice ✅ (created using: =Quantity \* UnitPrice)

**Prompt I used:** Extract Month in excel, dateformat is dd-mm-yyyy.

**CHATGPT:** create using: =TEXT(InvoiceDate, "yyyy-mm"))

**Prompt I used:** Create Total Price column

**CHATGPT:** create using: =Quantity \* UnitPrice

**>> What did prompt do well?**

**Ans:** It gives the instruction partially working, answer from chatgpt about month extraction was correct but the instruction to calculate total Price was not working for me.

**>> What did you have to modify or improve?  
Ans:** Then I used simple method like (D2\*F2).

**Prompt I used:** Calculate Averagae order value.

**CHATGPT:** AOV = Total Sales / Number of Orders

**>> What did prompt do well?**

**Ans:** Answer Correctly

**>> What did you have to modify or improve?**

**Ans:** I just replace it with the correct data given or obtained after operation to find AOV.

**Prompt I used:** % Contribution of Each Country to Total Sales

**CHATGPT:** = Country Total Sales / Grand Total Sales

**>> What did prompt do well?**

**Ans:** Answer Correctly

**>> What did you have to modify or improve?**

**Ans:** I just replace it with the correct data given or obtained after operation to find Contribution of each country.