COFFEE ORDER ANALYSIS

EXCEL COMMANDS AND QUERIES

Fetching Data for 'Customer Name' from customer sheet :

=XLOOKUP(C2,customers!$A$1:$A$1001,customers!$B$1:$B$1001,,0)

Fetching Data for 'Email' from customer sheet :

=XLOOKUP(C2,customers!$A$1:$A$1001,customers!$C$1:$C$1001,,0)

Checking Blank Data for 'Email' column :

=COUNTBLANK(C1:C1001)   204

Checking Blank Data for 'Phone Number' column :

=COUNTBLANK(D1:D1001)   130

Fetching Data for 'Country' from customer sheet :

=XLOOKUP(C2,customers!$A$1:$A$1001,customers!$G$1:$G$1001,,0)

Fetching Data for 'Coffee type', 'Roast type', 'Size', 'Unit Price' from product sheet respectively :

=INDEX(products!$A$1:$G$49,MATCH($D2,products!$A$1:$A$49,0),MATCH(I$1,products!$A$1:$G$1,0))

=INDEX(products!$A$1:$G$49,MATCH($D2,products!$A$1:$A$49,0),MATCH(J$1,products!$A$1:$G$1,0))

=INDEX(products!$A$1:$G$49,MATCH($D2,products!$A$1:$A$49,0),MATCH(K$1,products!$A$1:$G$1,0))

=INDEX(products!$A$1:$G$49,MATCH($D2,products!$A$1:$A$49,0),MATCH(L$1,products!$A$1:$G$1,0))

Calculating Sales i.e. = Unit Price * Quantity :

=L2*E2

Calculating Total Sells :

=SUM(M2:M1001)   45134.255

Getting 'Coffee Type Name' for Coffee Type Alias :

=IFS(I2="Rob","Robusta",I2="Exc","Excelsa",I2="Ara","Arabica",I2="Lib","Liberica")

Getting 'Roast Type Name' for Roast Type Alias :

=IFS(J2="M","Medium",J2="L","Large",J2="D","Dark")

Changing 'Order Date' Format :

Before :
Order Date
2019-09-05

After :
Order Date
05-Sep-2019

Changing 'Size' Format :

Before :
Size
1

After :
Size_
1.0 kg

Converting 'Unit Price' and 'Sales' into currency data type :

Before :
Unit Price	Sales
9.95	19.9

After :
Unit Price	Sales
$ 9.95	$ 19.90

Extracting 'Month' from Order Date :

=TEXT(B2,"mmm")

Fetching Data for 'Loyalty Card' form customer sheet :

=XLOOKUP($C$1:$C$1001,customers!$A$1:$A$1001,customers!$I$1:$I$1001,,0)

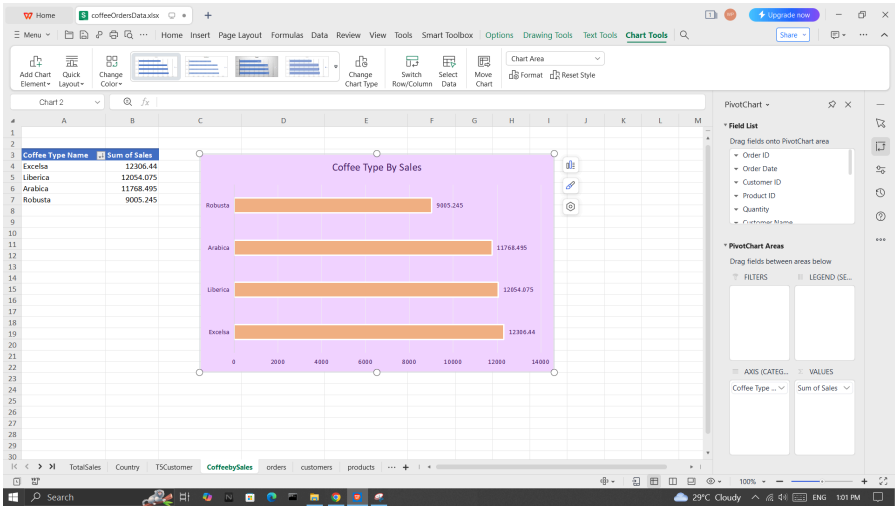**Creating Pivot Table for Country wise Coffee type and Roast type customer choice :**

| Count of Customer ID	Roast Type Name			
Country	Coffee Type Name	Dark	Large	Medium	Grand Total
United States		**248**	**259**	**267**	**774**
	Arabica	64	69	83	216
	Excelsa	61	64	64	189
	Liberica	64	63	61	188
	Robusta	59	63	59	181
Ireland		**66**	**48**	**39**	**153**
	Arabica	20	8	13	41
	Liberica	16	14	9	39
	Robusta	16	16	6	38
	Excelsa	14	10	11	35
United Kingdom		**19**	**26**	**28**	**73**
	Excelsa	7	7	9	23
	Robusta	5	8	9	22
	Liberica	5	10	6	21
	Arabica	2	1	4	7

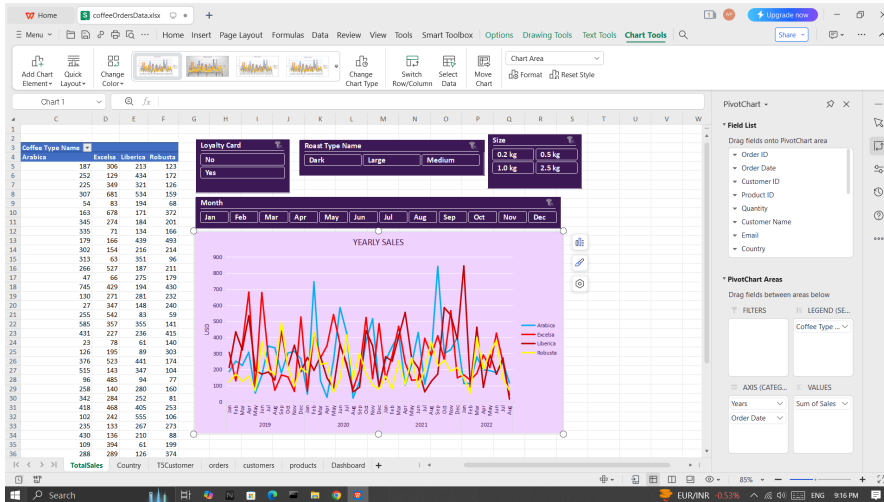## Creating Pivot Table for Coffee Type Name by Sales :

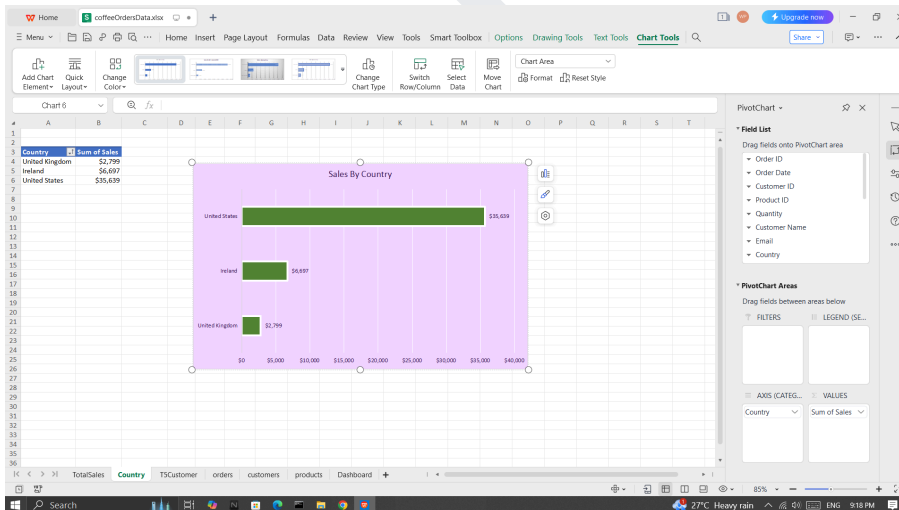## Creating Pivot Table for Roast Type Name by Sales :
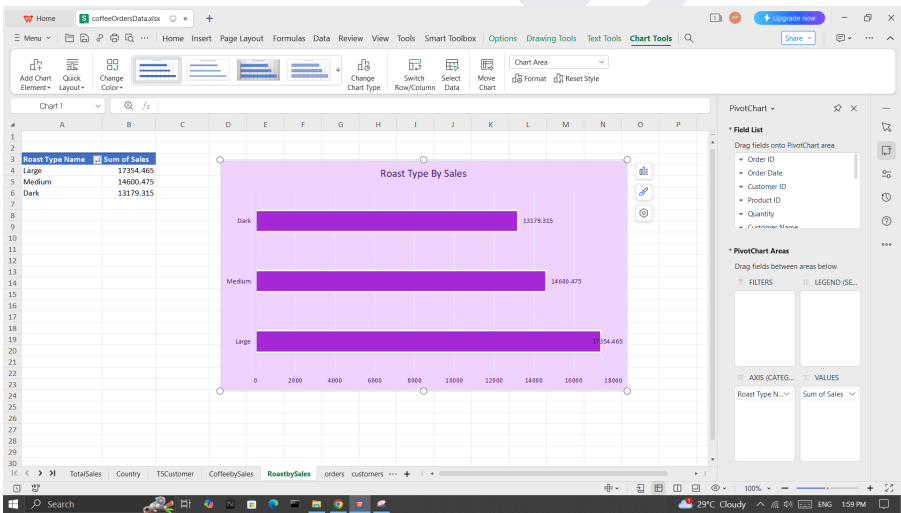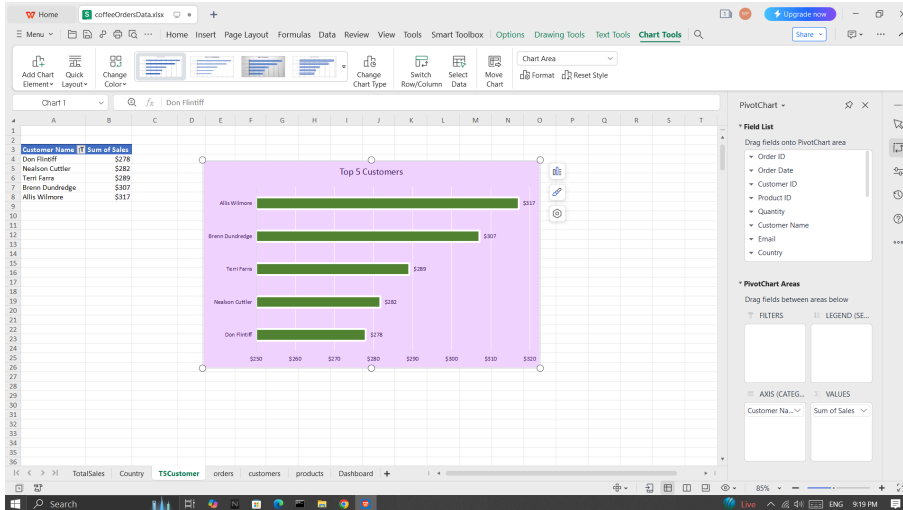
Creating Pivot Table for Loyalty Card :
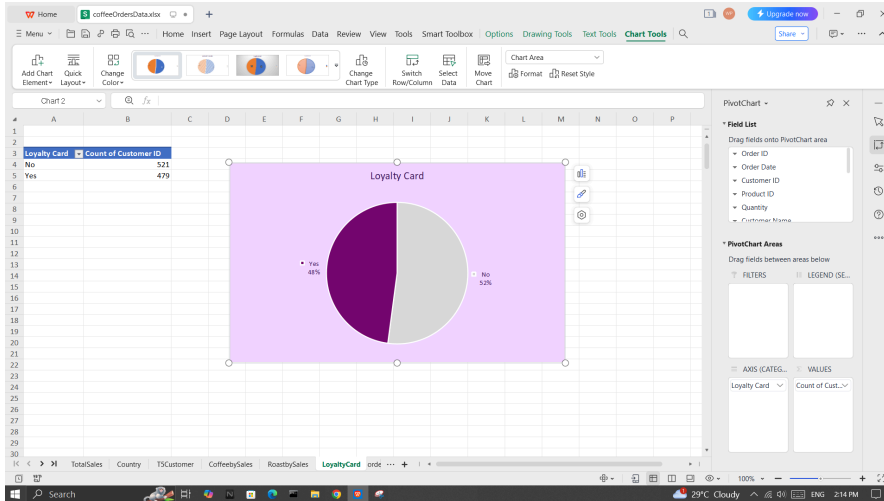
Creating Pivot Table for Yearly Total Sales :

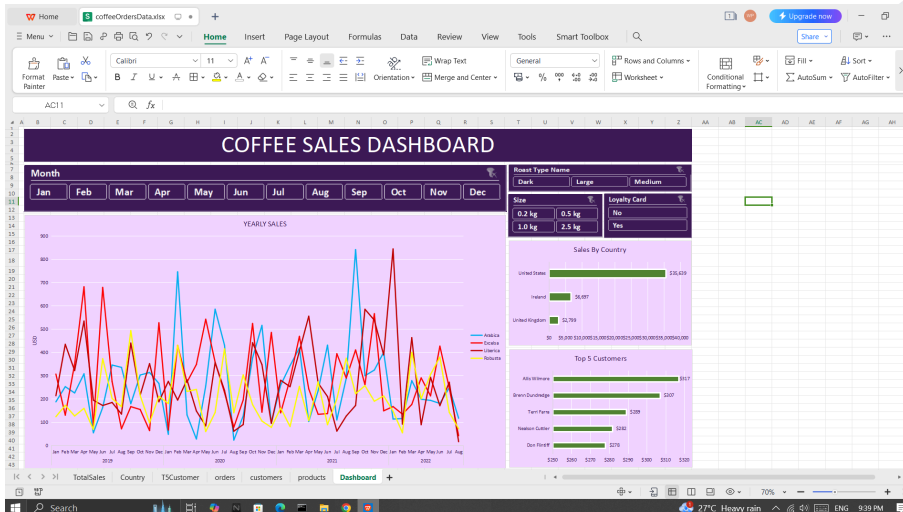# Creating Pivot Table for Country wise Sales :

Creating Pivot Table for Top 5 Customers :

Creating Dashboard 1 :

Creating Dashboard 2 :