This is a coffee shop data using which we have derived insights like coffee sales over time, based on their roast type, size. Also, it shows Sales country wise and Top 5 Customers.

Here our primary table will be Order then we will bring required columns by joining Order with other 2 tables and order tables will only be used to create Pivot tables.

Explaining original data below:

Originally data was having below mentioned sheets.

1. Order was having mentioned columns: OrderId, Orderdate, CustomerId, ProductId, Quantity
2. Customer was having mentioned columns: CustomerID, CustomerName, Email, PhoneNumber, AddressLine1, City, Country, Postcode, Loyalty Card
3. Product was having mentioned columns: ProductID, CoffeeType, RoastType, Size, UnitPrice, Priceper100g, Profit

Describing Order sheet

1. After joining Order with Customer using CustomerId to get CustomerName, Email and Loyalty Card. And Order with Product Using ProductId to get CoffeeType, RoastType, Size, UnitPrice.
2. Sales, CoffeeTypeName, RoastTypeName are calculated columns

Below is calculation strategy for columns in Orders sheet

1. Sales was calculated by multiplying Quantity and unitprice
2. CoffeeTypeName was derived using CoffeeType column by using if then else.
3. RoastTypeName was derived using RoastType column by using if then else.

Creating Pivot tables

1. Total Sales: to create this we have used Order date, CoffeetypeName and Sales columns from Order Table.
2. Top 5 Customers: To create this we have used CustomerName and Sales columns from Order Table.
3. Country wise Sales: To create this we have used Country and Sales column from Order Table.

And finally, we have Dashboards tab where we can find all 3 charts.

Below is excel document with cleaned data and dashboard.

