WE have 3 tables coming from 3 different datasources

Table 1- Order (csv file) – It has 250 distinct unique Order\_ID

Columns: Order\_ID, Items, Amount, Customer\_ID

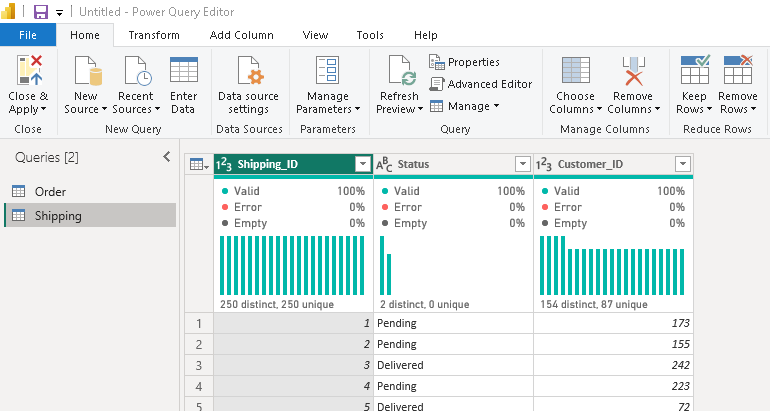
A screenshot of a computer

Description automatically generated

It doesn’t have any error or empty data

Table 2 – Shipping (json file) – It has 250 distinct unique Shipping\_ID

Columns: Shipping\_ID, Status, Customer\_ID



It doesn’t have any error or empty data

Table 3: Renamed to Customer (xls file converted to xlsx) - It has 250 distinct unique Customer\_ID

Columns: Customer\_ID, First, Last, Age, Country

A screenshot of a computer

Description automatically generated

It doesn’t have any error or empty data

All the 3 tables are connected through Customer\_ID using Many to One Relationship and filtering from both sides (Data Flow)

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* For finding the the total amount spent and the country for the Pending delivery status for each country we need to filter on status as “Pending” and group by Country

A screenshot of a phone

Description automatically generated

* the total number of transactions, total quantity sold, and total amount spent for each customer, along with the product details.

A screenshot of a computer

Description automatically generated

* The maximum product purchased for each country

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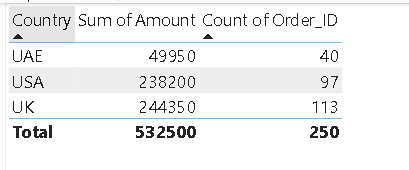
We need to find the count of Order\_ID group by Country

* the most purchased product based on the age category less than 30 and above 30.



First we need to group the data based on Age below 30 and above 30, then we need to find the count of Order\_ID for each Item

* the country that had minimum transactions and sales amount.



We need to calculate sum of sales and count of Order id group by Country

Here we can see that UAE has minimum transactions and sales