- Hello Everyone here is my tata virtual data visualization experience the steps involved as follows below
- DATA COLLECTION
- DATA CLEANING AND ETL IN POWER BI
- CREATING A DAX
- DASHBOARD BUILDING

TASK 1

task 1 involves the task overview and background of the task and involves name the
the questions to the CEO and CMO of the online retail store

QUESTIONS BY THE CEO

- Which region is generating the highest revenue, and which region is generating the lowest?
- What is the monthly trend of revenue, which months have faced the biggest increase/decrease?
- Which months generated the most revenue? Is there a seasonality in sales?
- Who are the top customers and how much do they contribute to the total revenue? Is the business dependent on these customers or is the customer base diversified?

QUESTIONS BY THE CMO

- What is the percentage of customers who are repeating their orders? Are they ordering the same products or different?
- For the repeat customers, how long does it take for them to place the next order after being delivered the previous one?
- What revenue is being generated from the customers who have ordered more than once?
- Who are the customers that have repeated the most? How much are they contributing to revenue?

TASK 2

- Task 2 involves the background information of the task and the comprehensive guide to choose the right visual for the suitable data

TASK 3

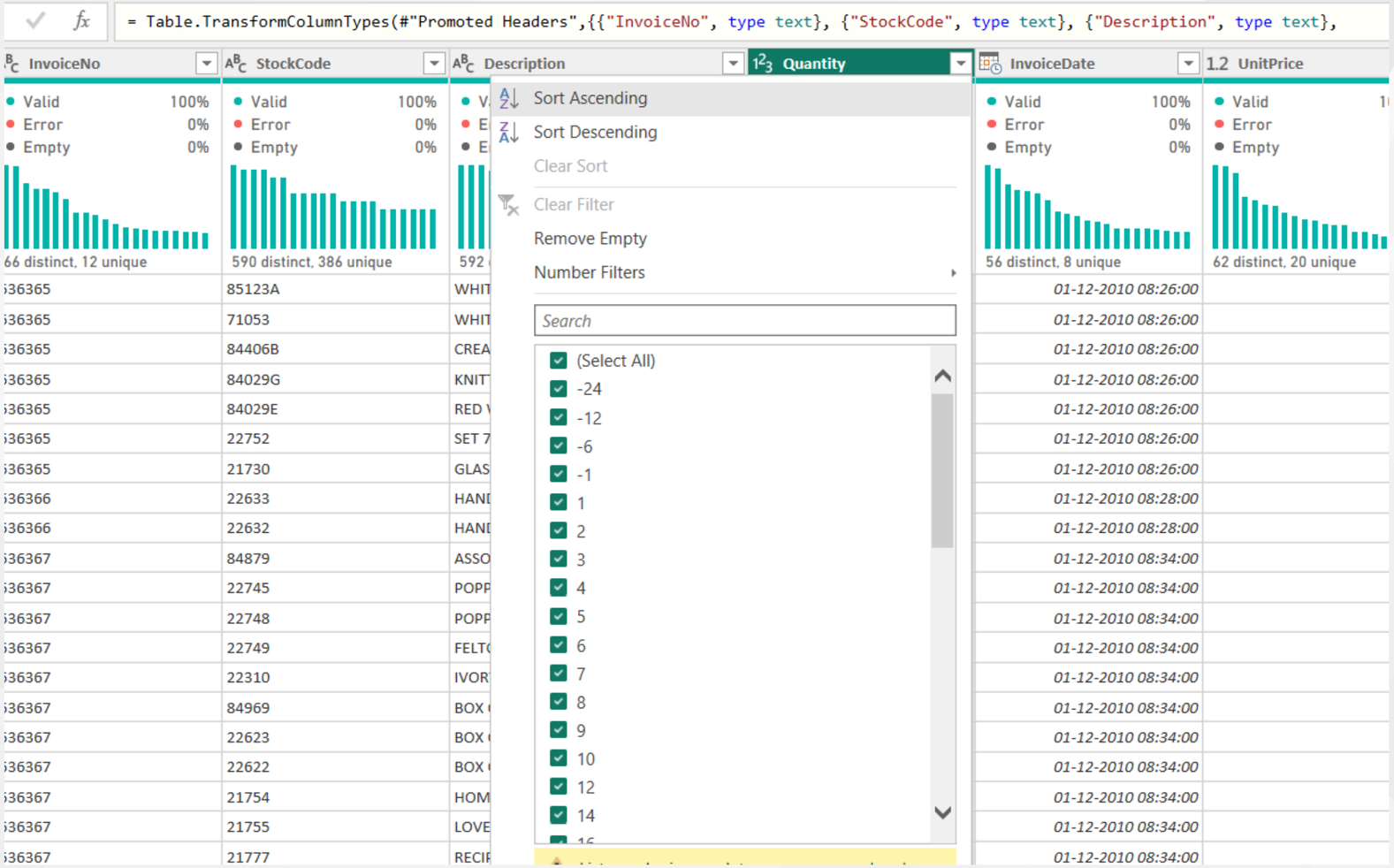
- .Data Collection

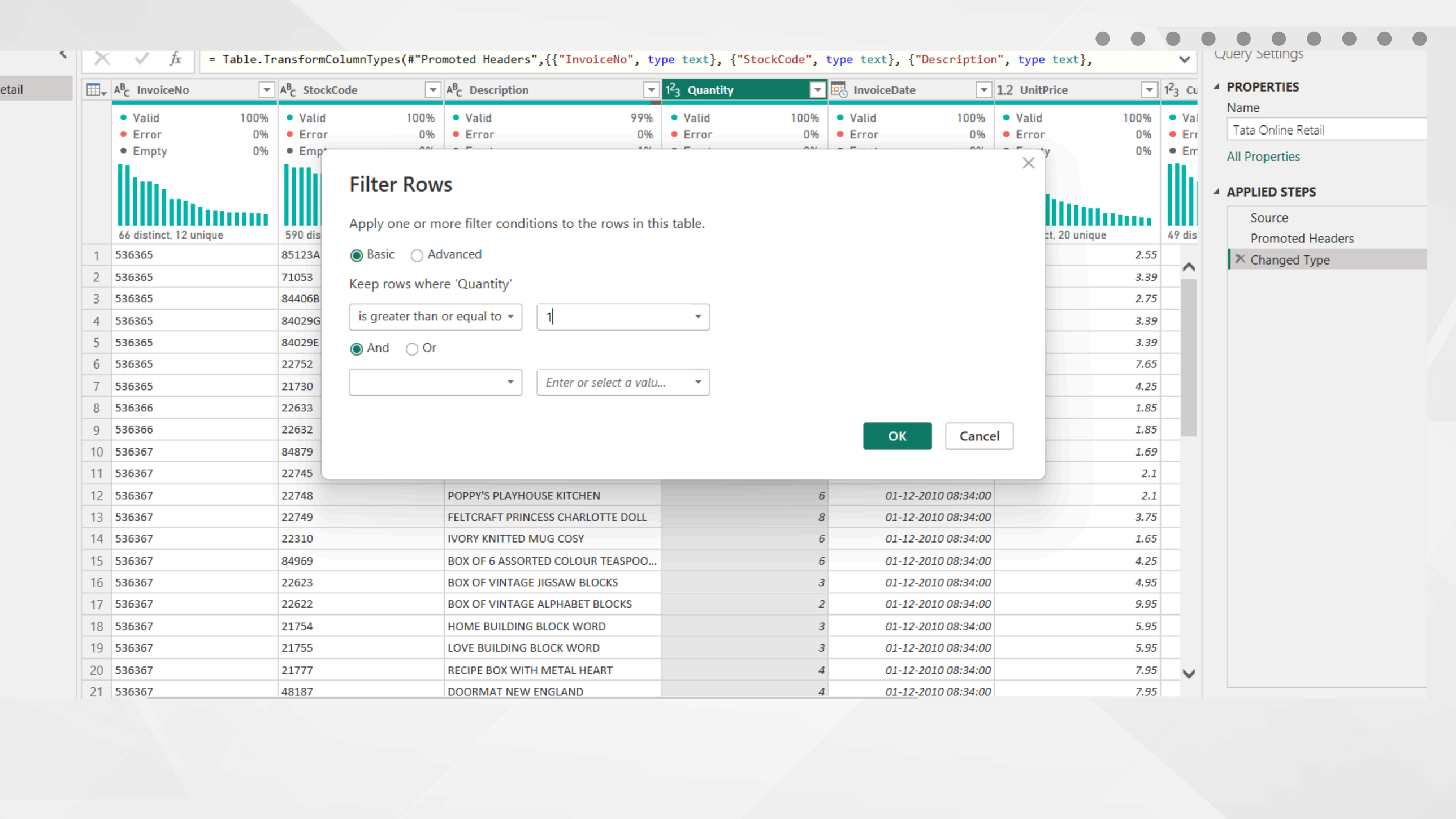
The data contains the eight columns

- InvoiceNo
- StockCode
- Description
- Quantity
- InvoiceDate
- UnitPrice
- CustomerID
- Country

• DATA CLEANING

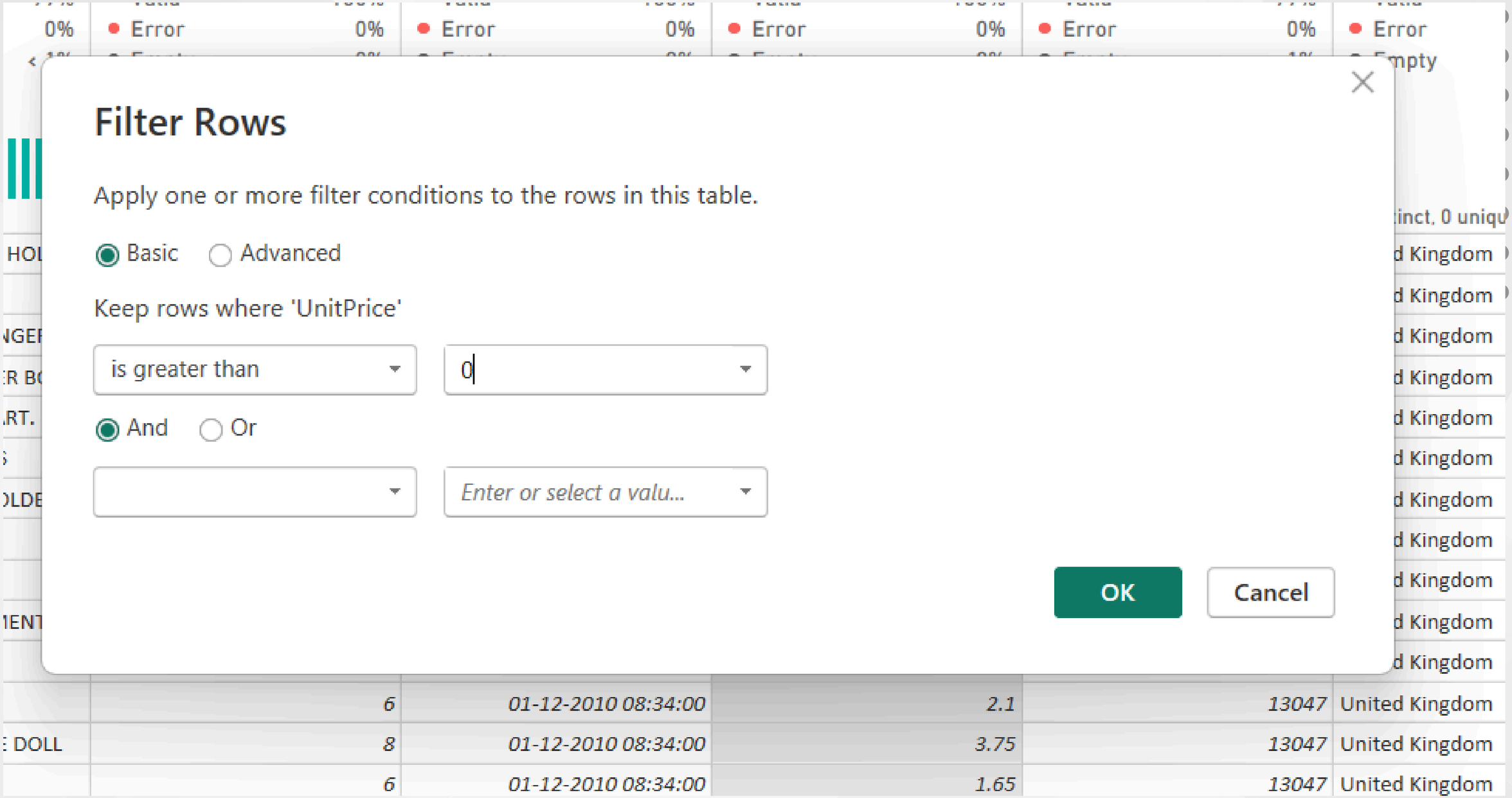
- In the provided data there is a negative values in the quantity column and unit price column .The steps involved to clean this invalid data is
- Go to Power Bi transform Data click on the quantity column as shown below



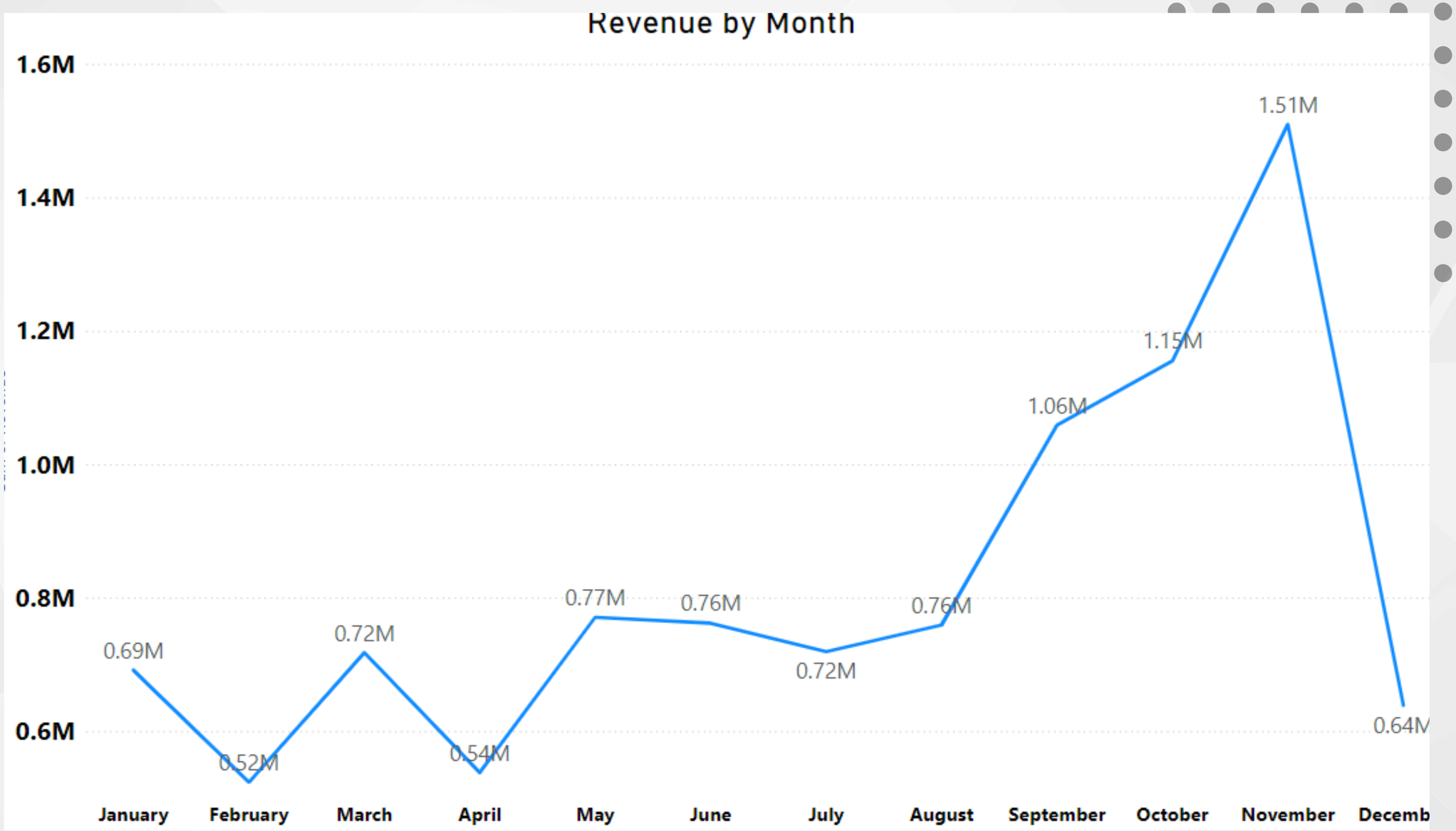


	InvoiceNo	StockCode	Description	Quantity	InvoiceDate	UnitPrice
1	536365	85123A				2.55
2	536365	71053				3.39
3	536365	84406B				2.75
4	536365	84029G				3.39
5	536365	84029E				3.39
6	536365	22752				7.65
7	536365	21730				4.25
8	536366	22633				1.85
9	536366	22632				1.85
10	536367	84879				1.69
11	536367	22745				2.1
12	536367	22748	POPPY'S PLAYHOUSE KITCHEN	6	01-12-2010 08:34:00	2.1
13	536367	22749	FELTCRAFT PRINCESS CHARLOTTE DOLL	8	01-12-2010 08:34:00	3.75
14	536367	22310	IVORY KNITTED MUG COSY	6	01-12-2010 08:34:00	1.65
15	536367	84969	BOX OF 6 ASSORTED COLOUR TEASPOO...	6	01-12-2010 08:34:00	4.25
16	536367	22623	BOX OF VINTAGE JIGSAW BLOCKS	3	01-12-2010 08:34:00	4.95
17	536367	22622	BOX OF VINTAGE ALPHABET BLOCKS	2	01-12-2010 08:34:00	9.95
18	536367	21754	HOME BUILDING BLOCK WORD	3	01-12-2010 08:34:00	5.95
19	536367	21755	LOVE BUILDING BLOCK WORD	3	01-12-2010 08:34:00	5.95
20	536367	21777	RECIPE BOX WITH METAL HEART	4	01-12-2010 08:34:00	7.95
21	536367	48187	DOORMAT NEW ENGLAND	4	01-12-2010 08:34:00	7.95

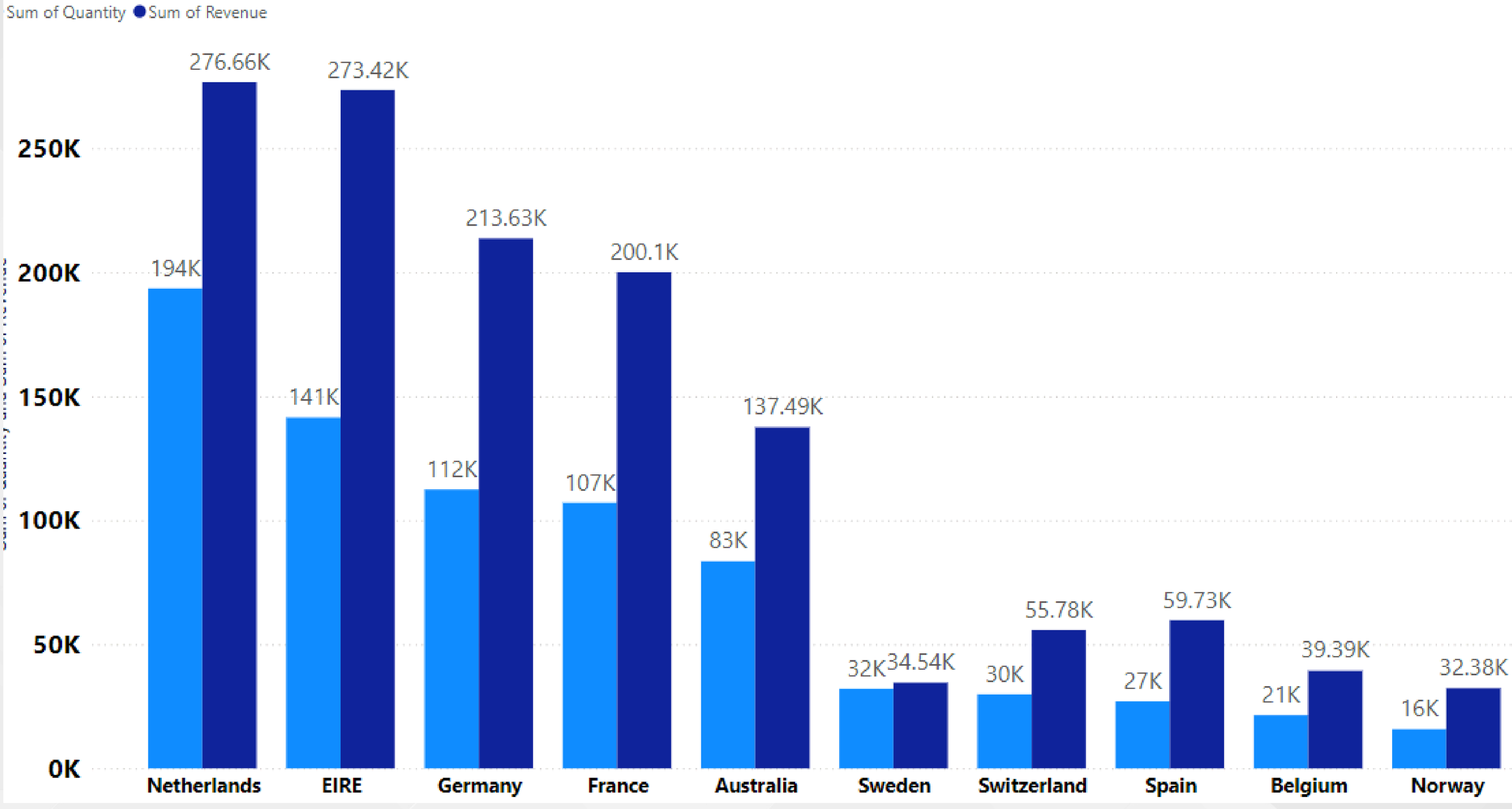
For Unit price

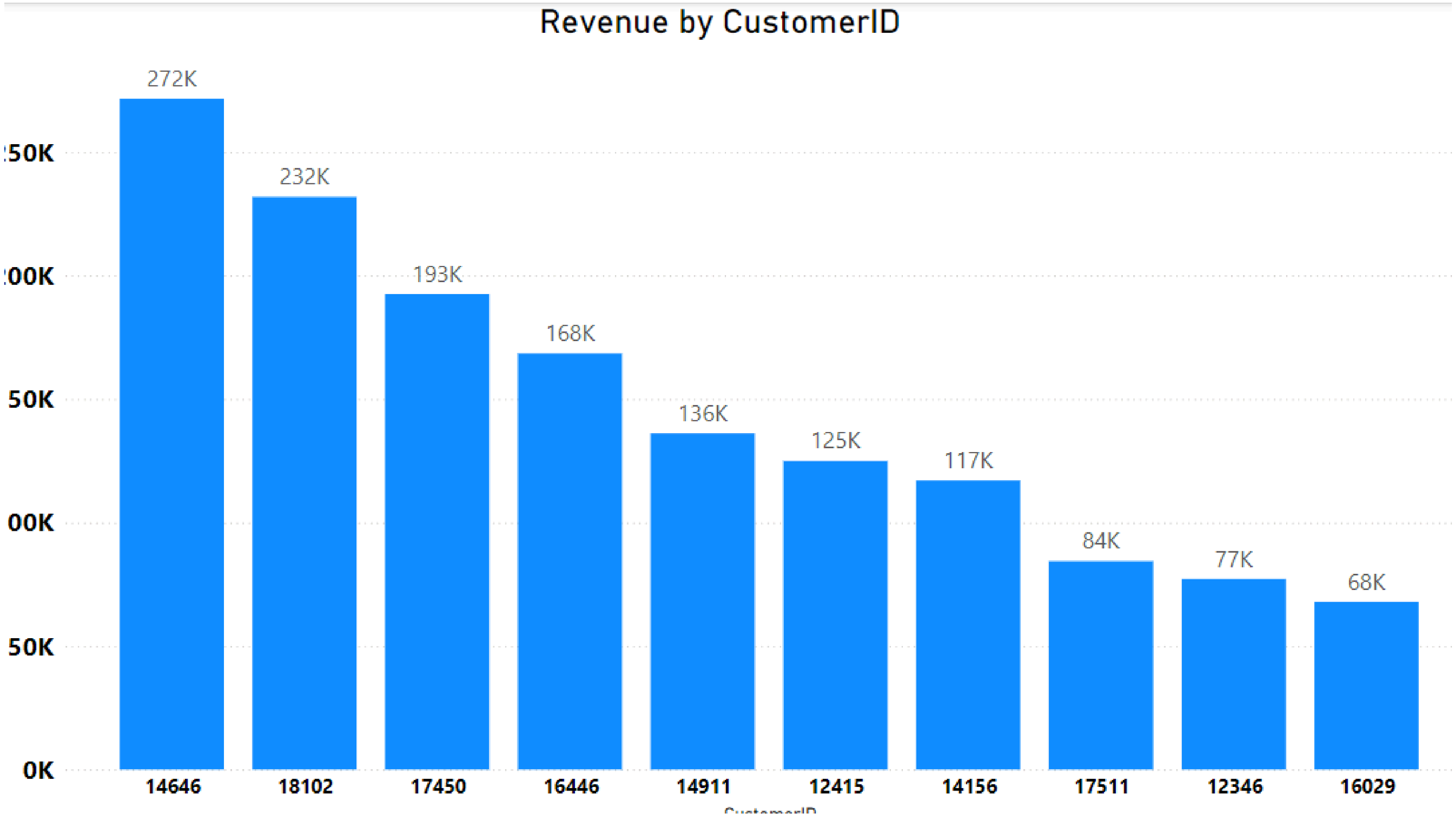


DsahBoard Building



Quantity and Revenue by Country




Revenue by CustomerID
272K
232K
193K
168K
136K
125K
117K
84K
77K
68K
50K
00K
50K
00K
50K
0K
14646
18102
17450
16446
14911
12415
14156
17511
12346
16029

Quantity by Country