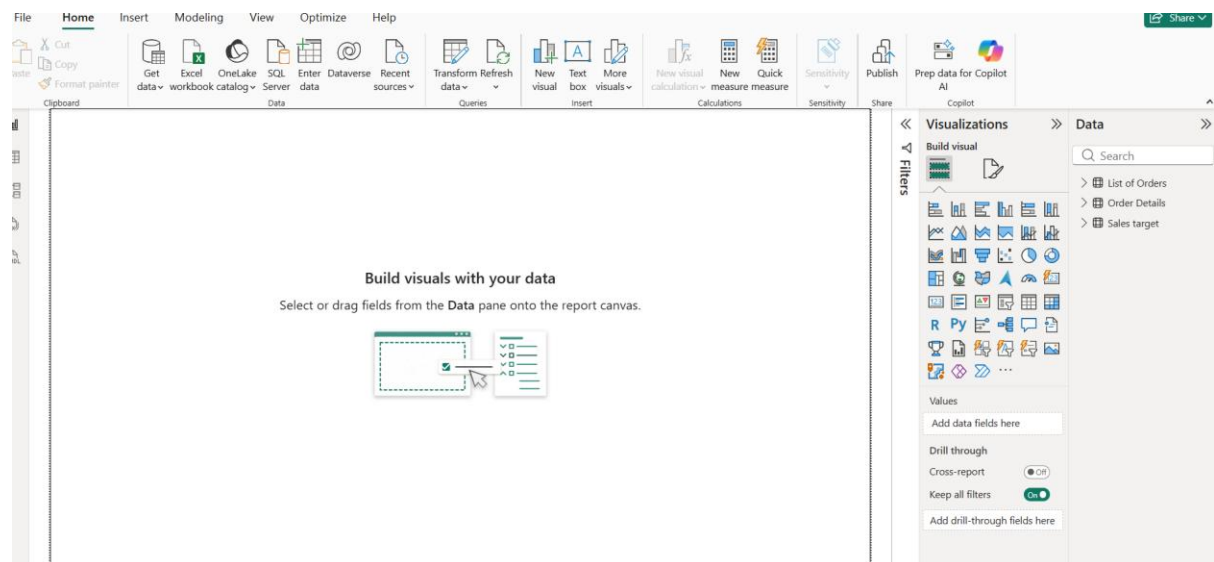


POWER BI ASSIGNMENT 1- DATA TRANSFORMATION AND MODELING

Import data:

Import “List of Orders.csv” into Power bi



Open List of orders in power query editor by clicking transform.

List of Orders

Order ID	Order Date	Customer Name	State	City
1 B-25601	01-04-2018	Bharat	Gujarat	Ahmedabad
2 B-25602	01-04-2018	Pearl	Maharashtra	Pune
3 B-25603	03-04-2018	Jahan	Madhya Pradesh	Bhopal
4 B-25604	03-04-2018	Divsha	Rajasthan	Jaipur
5 B-25605	05-04-2018	Kasheen	West Bengal	Kolkata
6 B-25606	06-04-2018	Hazel	Karnataka	Bangalore
7 B-25607	06-04-2018	Sonakshi	Jammu and Kashmir	Kashmir
8 B-25608	08-04-2018	Aarushi	Tamil Nadu	Chennai
9 B-25609	09-04-2018	Itesh	Uttar Pradesh	Lucknow
10 B-25610	09-04-2018	Yogesh	Bihar	Patna
11 B-25611	11-04-2018	Anita	Kerala	Thiruvananthapuram
12 B-25612	12-04-2018	Shrichand	Punjab	Chandigarh
13 B-25613	12-04-2018	Mukesh	Haryana	Chandigarh
14 B-25614	13-04-2018	Vandana	Himachal Pradesh	Simla
15 B-25615	15-04-2018	Bhavna	Sikkim	Gangtok
16 B-25616	15-04-2018	Kanak	Goa	Goa
17 B-25617	17-04-2018	Sagar	Nagaland	Kohima
18 B-25618	18-04-2018	Manju	Andhra Pradesh	Hyderabad
19 B-25619	18-04-2018	Ramesh	Gujarat	Ahmedabad
20 B-25620	20-04-2018	Sarita	Maharashtra	Pune
21 B-25621	20-04-2018	Deepak	Madhya Pradesh	Bhopal
22 B-25622	22-04-2018	Monisha	Rajasthan	Jaipur
23 B-25623	22-04-2018	Atharv	West Bengal	Kolkata
24 B-25624	22-04-2018	Vini	Karnataka	Bangalore
25 B-25625	23-04-2018	Pinky	Jammu and Kashmir	Kashmir
26 B-25626	23-04-2018	Bhishm	Maharashtra	Mumbai
27 B-25627	23-04-2018	Hitika	Madhya Pradesh	Indore

Same order details,sales target also import and open.

Order Details

Close & Apply

New Source

Recent Sources

Enter Data

Data source settings

Manage Parameters

Export query results

Refresh Preview

Query

Properties

Advanced Editor

Manage

Choose Columns

Remove Columns

Keep Rows

Remove Rows

Sort

Data type: Text

Use First Row as Headers

Replace Values

Merge Queries

Append Queries

Combine Files

Close

New Query

Data Sources

Output Data

Manage Columns

Transform

Combine

Queries [3]

List of Orders

Order Details

Sales target

×

fx

= Table.TransformColumnTypes(#"Promoted Headers",{{"Order ID", type text}, {"Amount", "Int64.Type"}, {"Profit", "Int64.Type"},

Order ID	Amount	Profit	Quantity	Category	Sub-Category
1 B-25601	1275	-1148	7	Furniture	Bookcases
2 B-25601	66	-12	5	Clothing	Stole
3 B-25601	8	-2	3	Clothing	Hankkerchief
4 B-25601	80	-56	4	Electronics	Electronic Games
5 B-25602	168	-111	2	Electronics	Phones
6 B-25602	424	-272	5	Electronics	Phones
7 B-25602	2617	1151	4	Electronics	Phones
8 B-25602	561	212	3	Clothing	Saree
9 B-25602	119	-5	8	Clothing	Saree
10 B-25603	1355	-60	5	Clothing	Trousers
11 B-25603	24	-30	1	Furniture	Chairs
12 B-25603	193	-166	3	Clothing	Saree
13 B-25603	180	5	3	Clothing	Trousers
14 B-25603	116	16	4	Clothing	Stole
15 B-25603	107	36	6	Clothing	Stole
16 B-25603	12	1	2	Clothing	Hankkerchief
17 B-25603	38	18	1	Clothing	Kurti
18 B-25604	65	17	2	Clothing	T-shirt
19 B-25604	157	5	9	Clothing	Saree
20 B-25605	75	0	7	Clothing	Saree
21 B-25606	87	4	2	Clothing	Shirt
22 B-25607	50	15	4	Clothing	Leggings
23 B-25608	1364	-1864	5	Furniture	Tables
24 B-25608	476	0	3	Furniture	Chairs
25 B-25608	257	23	5	Clothing	Hankkerchief
26 B-25608	856	385	6	Electronics	Printers
27 B-25609	485	29	4	Electronics	Electronic Games

Query Settings

PROPERTIES

Name

Order Details

All Properties

APPLIED STEPS

Source

Promoted Headers

Changed Type

Sales target

Power BI Desktop - Query Editor

Queries [3]

- List of Orders
- Order Details
- Sales target

Data Sources

- New Source
- Recent Sources
- Enter Data
- Data source settings
- Manage Parameters
- Export query results
- Refresh Preview
- Advanced Editor
- Manage
- Choose Columns
- Remove Columns
- Keep Rows
- Remove Rows
- Sort
- Split Column
- Group By
- Data Type: Date
- Use First Row as Headers
- Replace Values
- Merge Queries
- Append Queries
- Combine Files
- Combine

Table.TransformColumnTypes(#Promoted Headers,{"Month of Order Date", type date}, {"Category", type text}, {"Target", type number})

#	Month of Order Date	Category	Target
1	01-04-2018	Furniture	10400
2	01-05-2018	Furniture	10500
3	01-06-2018	Furniture	10600
4	01-07-2018	Furniture	10800
5	01-08-2018	Furniture	10900
6	01-09-2018	Furniture	11000
7	01-10-2018	Furniture	11100
8	01-11-2018	Furniture	11300
9	01-12-2018	Furniture	11400
10	01-01-2019	Furniture	11500
11	01-02-2019	Furniture	11600
12	01-03-2019	Furniture	11800
13	01-04-2019	Clothing	12000
14	01-05-2019	Clothing	12000
15	01-06-2019	Clothing	12000
16	01-07-2019	Clothing	14000
17	01-08-2019	Clothing	14000
18	01-09-2019	Clothing	14000
19	01-10-2019	Clothing	16000
20	01-11-2019	Clothing	16000
21	01-12-2019	Clothing	16000
22	01-01-2020	Clothing	16000
23	01-02-2020	Clothing	16000
24	01-03-2020	Clothing	16000
25	01-04-2020	Electronics	9000
26	01-05-2020	Electronics	9000
27	01-06-2020	Electronics	9000

Query Settings

PROPERTIES

Name
Sales target

All Properties

APPLIED STEPS

- Source
- Promoted Headers
- Changed Type

COLUMNS: 36 ROWS. Column profiles based on top 1000 rows.

PREVIEW DOWNLOADED ON THURSDAY, 11 JULY 2024 AT 14:00:00