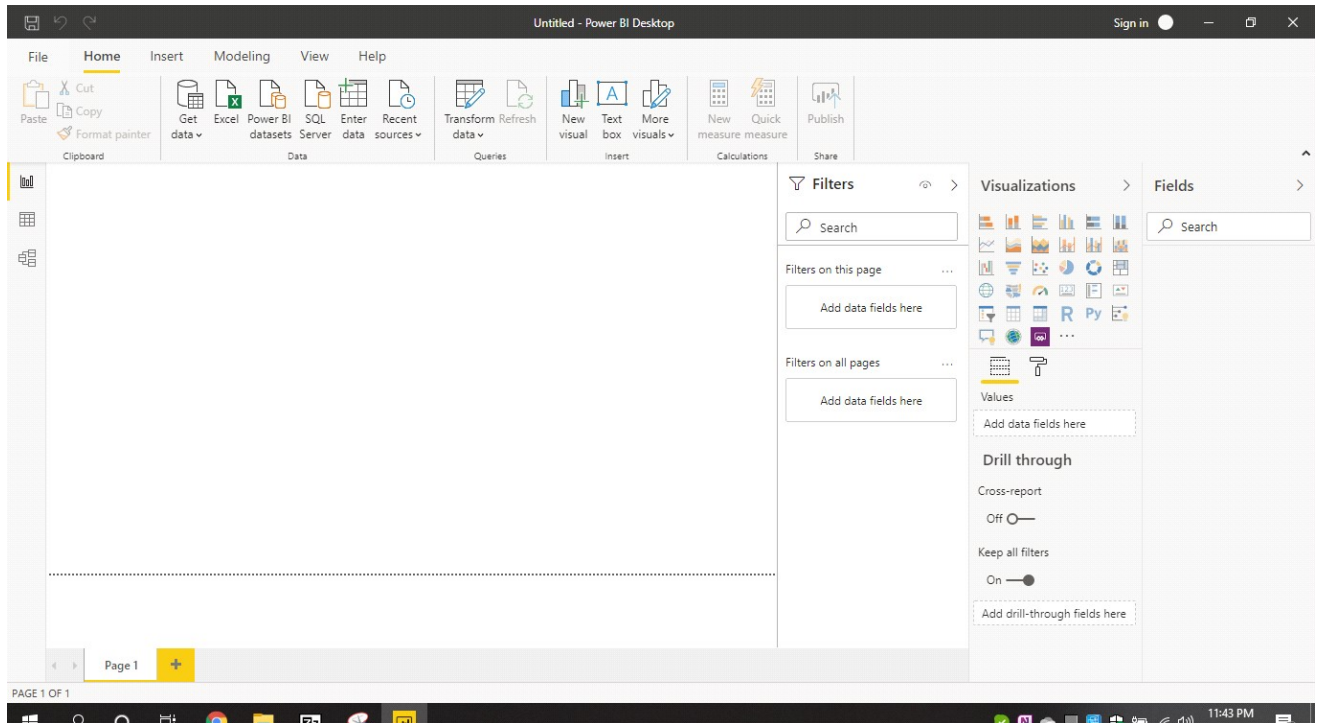


POWER BI ASSIGNMENT-1

1. Installed Power BI Desktop. PFB screen-print of the Report view.



2. Following are the screenshots:

a) Power Query Editor

The screenshot shows the Power Query Editor interface. The main area displays a table with the following columns: Row ID, Order Priority, Discount, Unit Price, Shipping Cost, and Customer ID. The table contains 24 rows of data. The bottom status bar indicates '24 COLUMNS, 999+ ROWS' and 'Column profiling based on top 1000 rows'. The right sidebar shows the 'Query Settings' pane with the 'Properties' tab selected, displaying the query name 'Orders' and a list of applied steps including 'Source', 'Navigation', 'Promoted Headers', 'Changed Type', 'Removed Top Rows', 'Removed Blank Rows', 'Promoted Headers1', and 'Changed Type1'.

Row ID	Order Priority	Discount	Unit Price	Shipping Cost	Customer ID
1	18606	Not Specified	0.01	2.88	0.5
2	20847	High	0.01	2.84	0.93
3	23086	Not Specified	0.03	6.68	6.15
4	23087	Not Specified	0.01	5.68	3.6
5	23088	Not Specified	0	205.99	2.5
6	23597	Medium	0.09	55.48	14.3
7	25549	Low	0.08	120.97	26.3
8	20228	Not Specified	0.02	500.98	26
9	19483	Low	0.08	6.48	6.81
10	24782	High	0.01	90.24	0.99
11	24563	Critical	0.07	6.48	6.6
12	24564	Critical	0.01	4.84	0.71
13	24565	Critical	0.1	85.99	0.99
14	21866	High	0.05	12.28	4.86
15	20876	Medium	0.08	140.98	36.09
16	20877	Medium	0.1	286.85	61.76
17	22241	Critical	0.06	15.57	1.39
18	21776	Critical	0.06	9.48	7.29
19	23328	High	0.04	10.98	3.37
20	24844	Medium	0.09	78.69	19.99
21	24846	Medium	0.08	3.28	2.31
22	24847	Medium	0.05	3.28	4.2
23	24848	Medium	0.05	3.58	1.63
24					

POWER BI ASSIGNMENT-1

b) Advance Editor

The screenshot shows the Power BI Advanced Editor window with a script for the 'Orders' table. The script uses M language to load data from an Excel file, promote headers, remove blank rows, and transform column types. A status message at the bottom of the editor states: "No syntax errors have been detected."

```
let
    Source = Excel.Workbook(File.Contents("D:\Power BI\Data Set\Store Sales Data.xlsx"), null, true),
    Orders_Sheet = Source[Item="Orders",Kind="Sheet"][Data],
    #"Promoted Headers" = Table.PromoteHeaders(Orders_Sheet, [PromoteAllScalars=true]),
    #"Changed Type" = Table.TransformColumnTypes(#"Promoted Headers",{{{"Power Store Ltd", type any}, {"Column2", type text}, {"Column3", type text}}),
    #"Removed Top Rows" = Table.Skip(#"Changed Type",3),
    #"Removed Blank Rows" = Table.SelectRows(#"Removed Top Rows", each not List.IsEmpty(List.RemoveMatchingItems(Record.FieldValues(_), {"", ""}))),
    #"Promoted Headers1" = Table.PromoteHeaders(#"Removed Blank Rows", [PromoteAllScalars=true]),
    #"Changed Type1" = Table.TransformColumnTypes(#"Promoted Headers1",{{{"Row ID", Int64.Type}, {"Order Priority", type text}, {"Discount", type text}}),
in
    #"Changed Type1"
```

Below the editor, a preview of the data is shown as a table with 24 columns and 999+ rows. The visible data includes columns for Row ID, Order Priority, and Discount.

Row ID	Order Priority	Discount
21	24846 Medium	0.08
22	24847 Medium	0.05
23	24848 Medium	0.05

c) Report view

The screenshot displays the Power BI Report view. The main area contains two donut charts: "Sales by Product Category" and "Profit by Product Container". The "Sales by Product Category" chart shows data for Technology, Furniture, and Office Supplies. The "Profit by Product Container" chart shows data for Small Box, Jumbo Drum, Medium Box, Small Pack, Large Box, Wrap Bag, and Jumbo Box.

The sidebar on the right includes the "Filters" pane, "Visualizations" pane, and "Fields" pane. The "Fields" pane lists various data fields such as Discount, Order Date, Order ID, Order Priority, Postal Code, Product Base, Product Category, Product Name, Product Subcategory, Profit, Quantity, Region, Sales, Ship Date, Ship Mode, Shipping Cost, and State or Province.

POWER BI ASSIGNMENT-1

d) Data View

Untitled - Power BI Desktop

File Home Help Table tools

Name Orders

Mark as date table Manage relationships New measure Quick New New table

Structure

Calendars Relationships Calculations

Fields

Search

Orders

City

Customer ID

Customer Name

Customer Segment

Discount

Order Date

Order ID

Order Priority

Postal Code

Product Base Mar...

Product Category

Product Container

Product Name

Product Sub-Cate...

Profit

Quantity ordered ...

Region

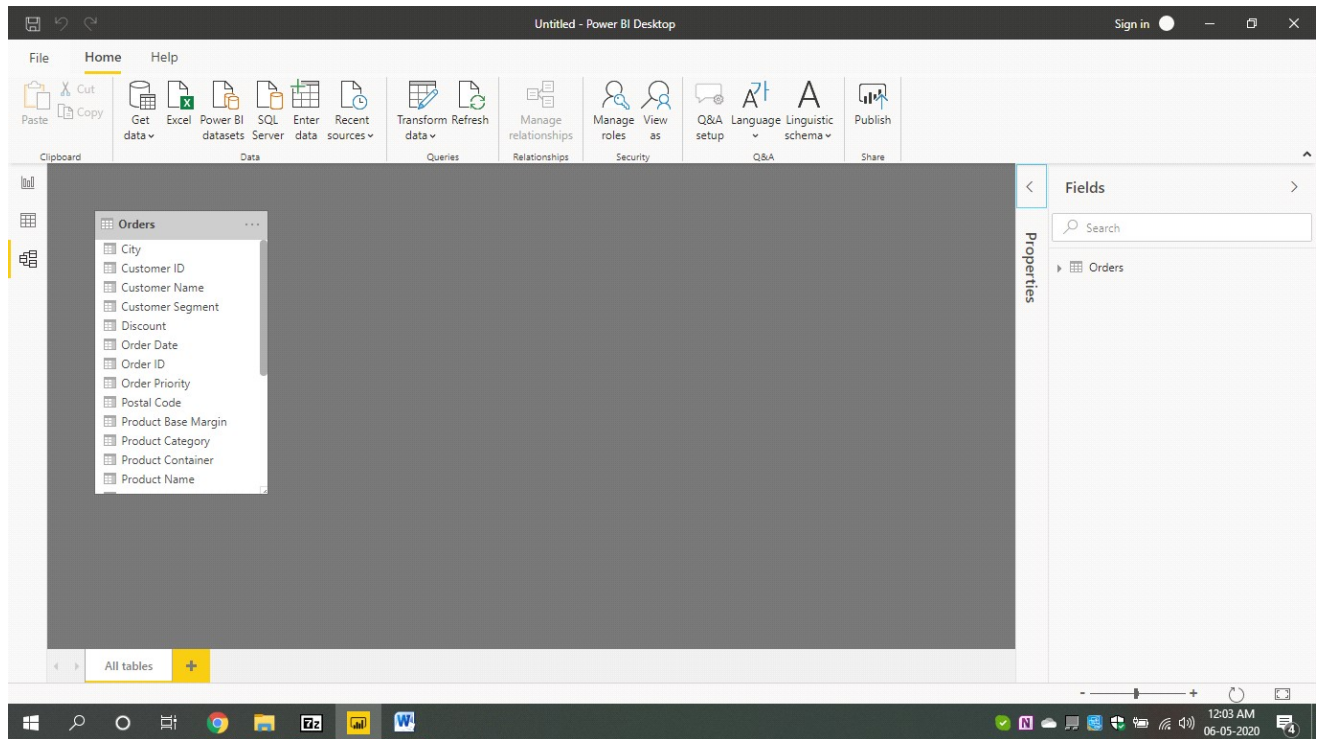
Row ID	Order Priority	Discount	Unit Price	Shipping Cost	Customer ID	Customer Name	Ship Mode	Customer Segment	Product Category	Product Sub-Category	Product Name
20334	Low	0.04	6.48	5.74	119	Judy Kennedy	Regular Air	Corporate	Office Supplies	Paper	Sma
18129	Low	0.02	6.48	5.9	119	Judy Kennedy	Regular Air	Corporate	Office Supplies	Paper	Sma
24273	Not Specified	0.02	6.48	9.17	194	Tammy Goldman	Regular Air	Corporate	Office Supplies	Paper	Sma
18904	High	0.06	6.48	6.74	247	Marshall Brandt Briggs	Regular Air	Corporate	Office Supplies	Paper	Sma
19823	Medium	0.08	6.48	7.03	266	Ross Frederick	Regular Air	Corporate	Office Supplies	Paper	Sma
24425	Low	0.06	6.48	7.86	300	Larry W Lehman	Regular Air	Corporate	Office Supplies	Paper	Sma
24864	Medium	0.01	6.48	7.49	358	Chris F Brandt	Regular Air	Corporate	Office Supplies	Paper	Sma
24662	Low	0.08	6.48	7.91	500	Brenda Cowan	Regular Air	Corporate	Office Supplies	Paper	Sma
18593	High	0	6.48	7.86	533	Jamie Dixon	Regular Air	Corporate	Office Supplies	Paper	Sma
20281	Medium	0.05	6.48	6.57	537	Nelson	Regular Air	Corporate	Office Supplies	Paper	Sma
21274	Medium	0.06	6.48	7.37	600	Vickie Morse	Regular Air	Corporate	Office Supplies	Paper	Sma
113	Not Specified	0.08	6.48	5.14	607	Clara Hauser	Regular Air	Corporate	Office Supplies	Paper	Sma
6575	Medium	0.1	6.48	9.17	607	Clara Hauser	Regular Air	Corporate	Office Supplies	Paper	Sma
18113	Not Specified	0.08	6.48	5.14	608	Daniel Jones	Regular Air	Corporate	Office Supplies	Paper	Sma
24575	Medium	0.1	6.48	9.17	609	Shawn Adler	Regular Air	Corporate	Office Supplies	Paper	Sma
23207	Low	0.1	6.48	9.54	680	Laurence Poe	Regular Air	Corporate	Office Supplies	Paper	Sma
23208	Low	0.02	6.48	5.19	680	Laurence Poe	Regular Air	Corporate	Office Supplies	Paper	Sma
22735	Low	0	6.48	8.19	719	Stephen Lam	Regular Air	Corporate	Office Supplies	Paper	Sma
24851	Low	0.09	6.48	8.86	797	Eileen Riddle	Regular Air	Corporate	Office Supplies	Paper	Sma
24763	Critical	0.06	6.48	8.88	868	Sharon Ellis	Regular Air	Corporate	Office Supplies	Paper	Sma
2055	Critical	0.02	6.48	6.41	894	Gail Rankin Cole	Regular Air	Corporate	Office Supplies	Paper	Sma
7955	High	0.09	6.48	7.03	894	Gail Rankin Cole	Regular Air	Corporate	Office Supplies	Paper	Sma

TABLE: Orders (19,426 rows)

12:03 AM 06-05-2020

e) Model View

POWER BI ASSIGNMENT-1



3. Prices of following:

- Power BI Desktop - Free
- Power BI Pro - ₹660/month
- Power BI Premium - ₹3,30,190/month