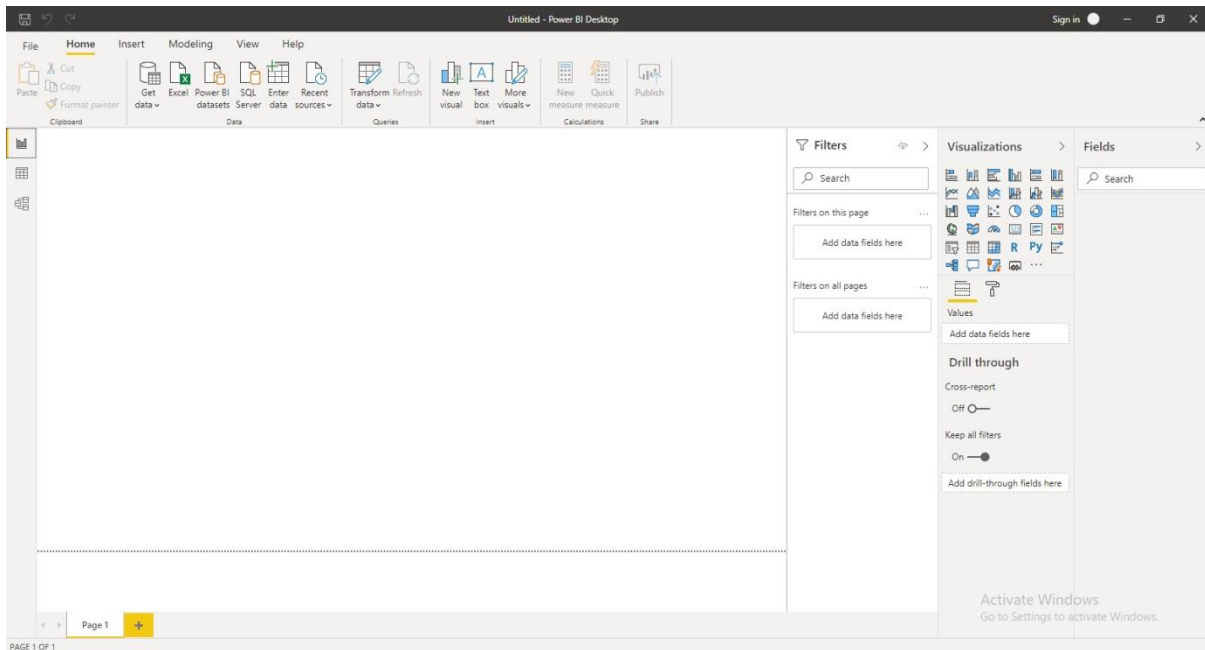


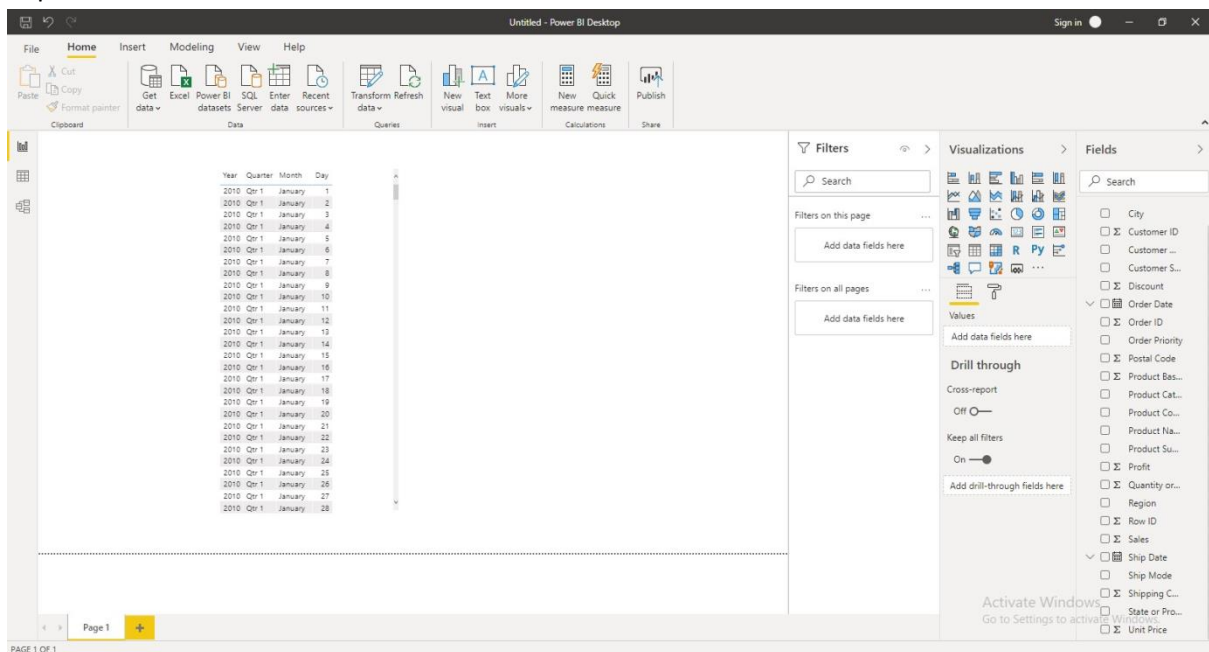
# Assignment-1

- Install Power BI Desktop and share the final screenshot of the report view page which appears when power desktop starts.



- Prepare a document and with the following screenshot

## – Report View



- Data View

Table with 13 columns: Row ID, Order Priority, Discount, Unit Price, Shipping Cost, Customer ID, Customer Name, Ship Mode, Customer Segment, Product Category, Product Sub-Category, Product Container, Product Name.

Row ID	Order Priority	Discount	Unit Price	Shipping Cost	Customer ID	Customer Name	Ship Mode	Customer Segment	Product Category	Product Sub-Category	Product Container	Product Name
20334	Low	0.04	6.48	5.74	119	Judy Kennedy	Regular Air	Corporate	Office Supplies	Paper	Small Box	Xerox 1994
18129	Low	0.02	6.48	5.9	119	Judy Kennedy	Regular Air	Corporate	Office Supplies	Paper	Small Box	Xerox 1976
24273	Not Specified	0.02	6.48	9.17	194	Tammy Goldman	Regular Air	Corporate	Office Supplies	Paper	Small Box	Xerox 1996
18904	High	0.06	6.48	6.74	247	Marshall Brandt Briggs	Regular Air	Corporate	Office Supplies	Paper	Small Box	Xerox 215
19823	Medium	0.08	6.48	7.03	266	Ross Frederick	Regular Air	Corporate	Office Supplies	Paper	Small Box	Xerox 214
24425	Low	0.06	6.48	7.86	300	Larry W Lehman	Regular Air	Corporate	Office Supplies	Paper	Small Box	Xerox 213
24864	Medium	0.01	6.48	7.49	358	Chris F Brandt	Regular Air	Corporate	Office Supplies	Paper	Small Box	Xerox 220
24662	Low	0.08	6.48	7.91	500	Brenda Cowan	Regular Air	Corporate	Office Supplies	Paper	Small Box	Xerox 216
18593	High	0	6.48	7.86	533	Jamie Dixon	Regular Air	Corporate	Office Supplies	Paper	Small Box	Xerox 213
20281	Medium	0.05	6.48	6.57	537	Nelson Coley	Regular Air	Corporate	Office Supplies	Paper	Small Box	Xerox 20
21274	Medium	0.06	6.48	7.37	600	Vickie Morse	Regular Air	Corporate	Office Supplies	Paper	Small Box	Xerox 210
113	Not Specified	0.08	6.48	5.14	607	Cara Hauser	Regular Air	Corporate	Office Supplies	Paper	Small Box	Xerox 23
6575	Medium	0.1	6.48	9.17	607	Cara Hauser	Regular Air	Corporate	Office Supplies	Paper	Small Box	Xerox 1996
19113	Not Specified	0.08	6.48	5.14	608	Daniel Jones	Regular Air	Corporate	Office Supplies	Paper	Small Box	Xerox 23
24675	Medium	0.1	6.48	9.17	609	Shawn Adler	Regular Air	Corporate	Office Supplies	Paper	Small Box	Xerox 1996
23207	Low	0.1	6.48	9.54	680	Laurence Poe	Regular Air	Corporate	Office Supplies	Paper	Small Box	Xerox 1905
23208	Low	0.02	6.48	5.19	680	Laurence Poe	Regular Air	Corporate	Office Supplies	Paper	Small Box	Xerox 1905
22715	Low	0	6.48	8.19	719	Stephen Lam	Regular Air	Corporate	Office Supplies	Paper	Small Box	Xerox 217
24811	Low	0.09	6.48	6.86	797	Eileen Riddle	Regular Air	Corporate	Office Supplies	Paper	Small Box	Xerox 204
24763	Critical	0.06	6.48	8.88	868	Sharon Ellis	Regular Air	Corporate	Office Supplies	Paper	Small Box	Xerox 224
2055	Critical	0.02	6.48	6.41	894	Gail Rankin Cole	Regular Air	Corporate	Office Supplies	Paper	Small Box	Xerox 221
7955	High	0.09	6.48	7.03	894	Gail Rankin Cole	Regular Air	Corporate	Office Supplies	Paper	Small Box	Xerox 214
25955	High	0.09	6.48	7.03	895	Gordon Sutherland	Regular Air	Corporate	Office Supplies	Paper	Small Box	Xerox 214
20055	Critical	0.02	6.48	6.41	896	Jennifer Siegel	Regular Air	Corporate	Office Supplies	Paper	Small Box	Xerox 221
19855	Low	0.09	6.48	8.88	1068	Jeremy Orr	Regular Air	Corporate	Office Supplies	Paper	Small Box	Xerox 224
26163	High	0.02	6.48	9.54	1090	Seth Davies	Regular Air	Corporate	Office Supplies	Paper	Small Box	Xerox 1905
23447	High	0.04	6.48	6.6	1113	Julia Reynolds	Regular Air	Corporate	Office Supplies	Paper	Small Box	Xerox 21
18546	Not Specified	0.09	6.48	6	1273	Lois Bloom	Regular Air	Corporate	Office Supplies	Paper	Small Box	Xerox 2
23227	High	0.08	6.48	5.82	1304	Sherri McIntosh	Regular Air	Corporate	Office Supplies	Paper	Small Box	Xerox 1998

- Model View

Model View interface showing the 'Orders' table selected in the Fields pane. The Properties pane is empty, indicating no model objects are selected.

Fields:

- Orders
- City
- Customer ID
- Customer Name
- Customer Segment
- Discount
- Order Date
- Order ID
- Order Priority
- Postal Code
- Product Base Margin
- Product Category
- Product Container

Properties:

Select one or more model objects to set their properties.

## – Power Query Editor

Power Query Editor interface showing a data table with columns: Row ID, Order Priority, Discount, Unit Price, Shipping Cost, and Customer ID. The table contains 24 columns and 999+ rows. The 'Applied Steps' pane on the right shows a sequence of transformations: Source, Navigation, Promoted Headers, Changed Type, Removed Top Rows, Promoted Headers1, Changed Type1, and Removed Blank Rows.

## – Advance Editor

Advanced Editor interface showing the M code for the 'Orders' query. The code defines the source, promotes headers, changes column types, removes top rows, promotes headers again, changes column types, and removes blank rows. A status bar at the bottom indicates "No syntax errors have been detected."

```
let
    Source = Excel.Workbook(File.Contents("E:\z\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
    #"Removed Top Rows" = Table.Skip(#"Changed Type",3),
    #"Promoted Headers1" = Table.PromoteHeaders(#"Removed Top Rows", [PromoteAllScalars=true]),
    #"Changed Type1" = Table.TransformColumnTypes(#"Promoted Headers1",{{"Row ID", Int64.Type}, {"Order Priority", type text}, {"Discount", t
    #"Removed Blank Rows" = Table.SelectRows(#"Changed Type1", each not List.IsEmpty(List.RemoveMatchingItems(Record.FieldValues(_), {"", nul
in
    #"Removed Blank Rows"
```

- Prepare a document with details of the following along with their price – Power BI Desktop – Power BI Pro – Power BI Premium

## **Power BI Free:-**

Power BI Desktop is the free version of Power BI that you can install on your local computer as a program, and acts as a companion desktop application to the full version of Power BI. If you need to consolidate your data sources, create your own reports and conduct your own analysis or test its capabilities, it's the perfect version to start with for all skill levels - whether you're non-IT and want to make your reports more interactive, or analysts seeking richer detail, it's one of the best business analytics tools to use.

## **Power BI Pro:-**

Power BI Pro is the full version of Power BI, complete with the ability to use Power BI for both building dashboards and reports and unlimited viewing, sharing and consumption of your created reports (and reports shared by others) - the latter not possible with Power BI Desktop.

Power BI Pro is licensed by individual user. For example, if your organisation has 20 people that need to full capabilities of self-service BI to create dashboards and reports, you need 20 licenses of Power BI Pro, which gives these users full access to creation of reports and unlimited consumption (viewing) of any created content.

**Price:-** ₹660/Monthly Price per User.

## **Power BI Premium:-**

Power BI Premium differs from the free version and Power BI pro in its licensing model, which only suits a specific size and type of organisation and business scenario. You can purchase Premium in a range of capacity sizes that offer different numbers of memory and virtual cores that can scale as your data analysis requirements change.

With Power BI Premium, you are licensing capacity for your datasets, dashboards and reports, not just licensing all users of that content. In other words, you're not buying individual licenses, you're buying them in bulk to allow a large number of your users to use Power BI to view reports. All of your content is stored in Premium and can then be viewed by as many users in your organisation as you want, without additional per-user costs.

**Price:-** ₹330,190 per dedicated cloud compute and storage resource with annual subscription.