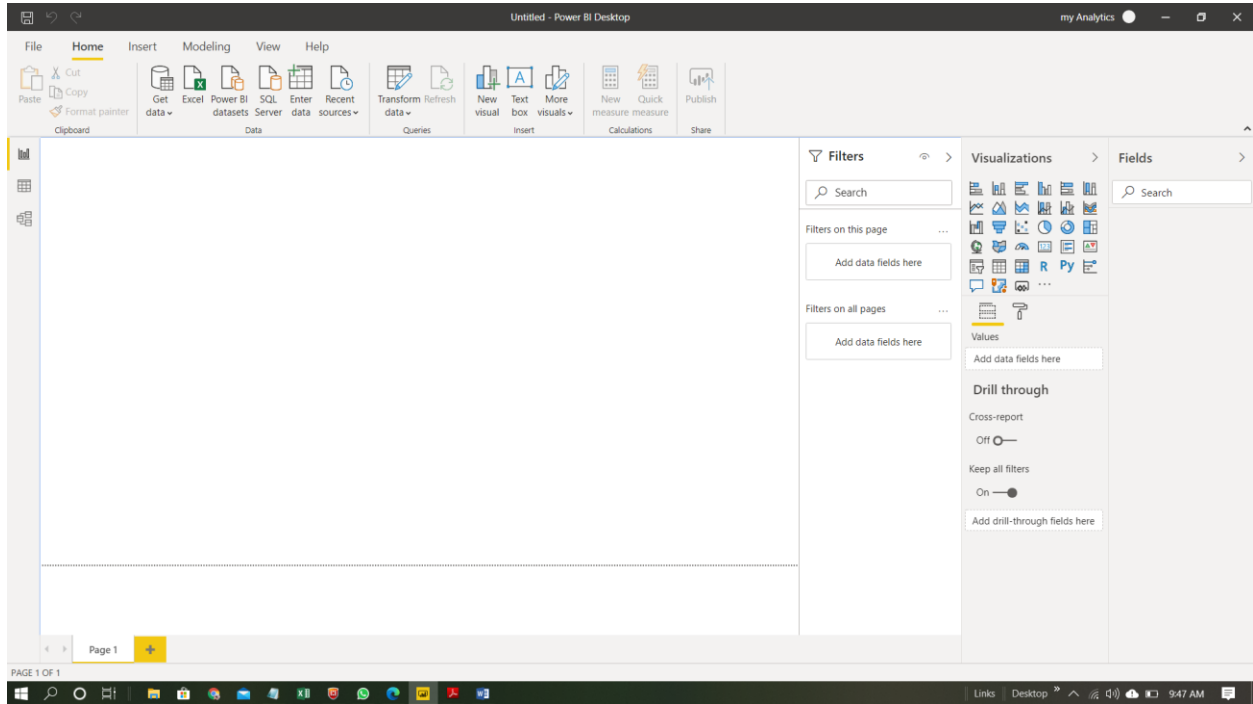


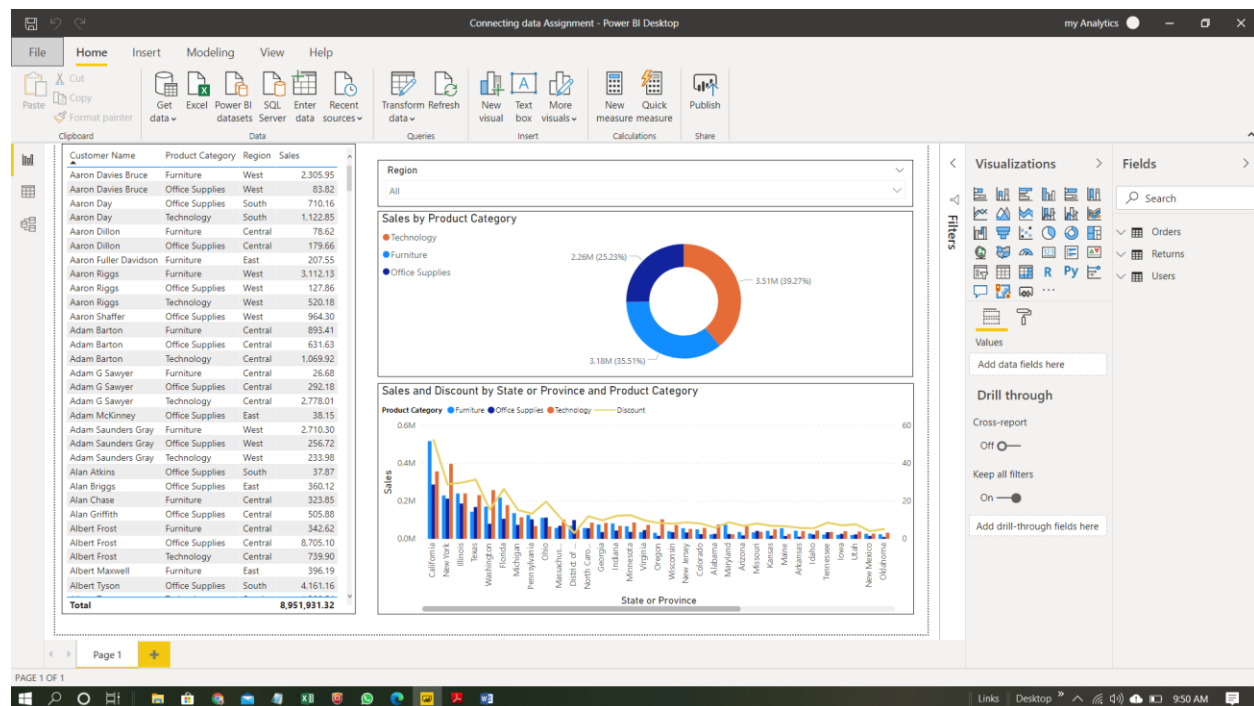
Assignment – 1

☐ 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

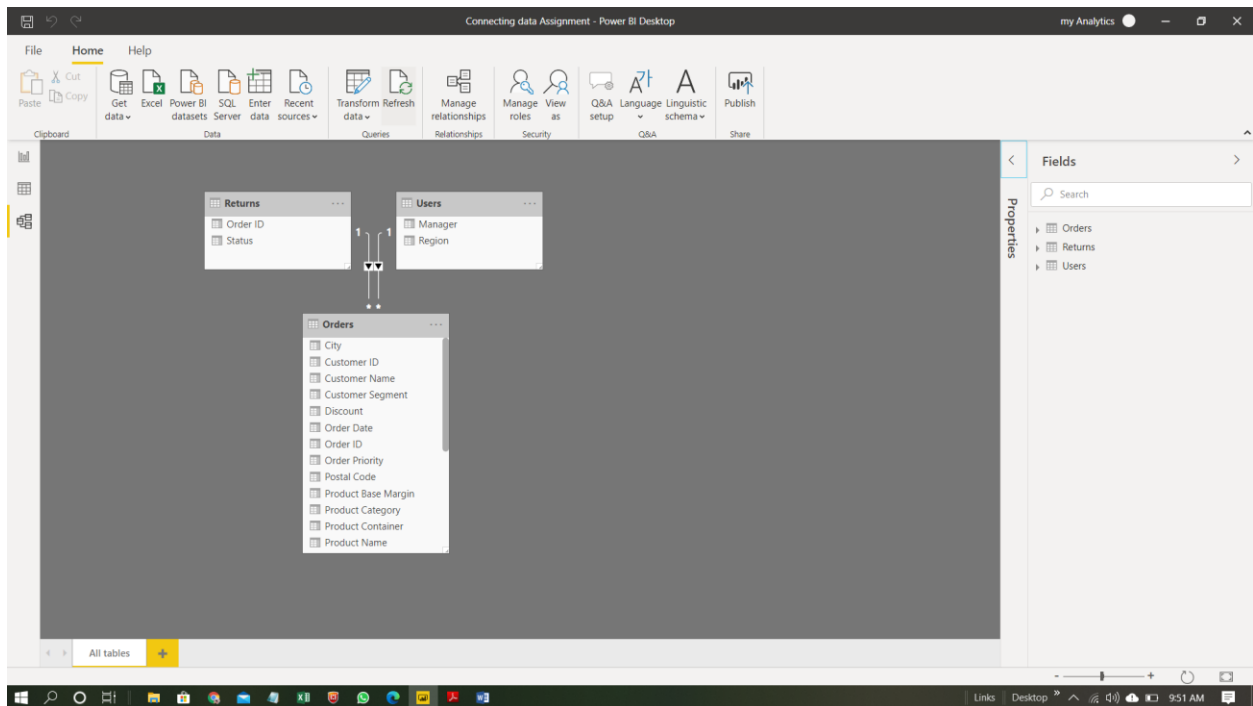


– Data View

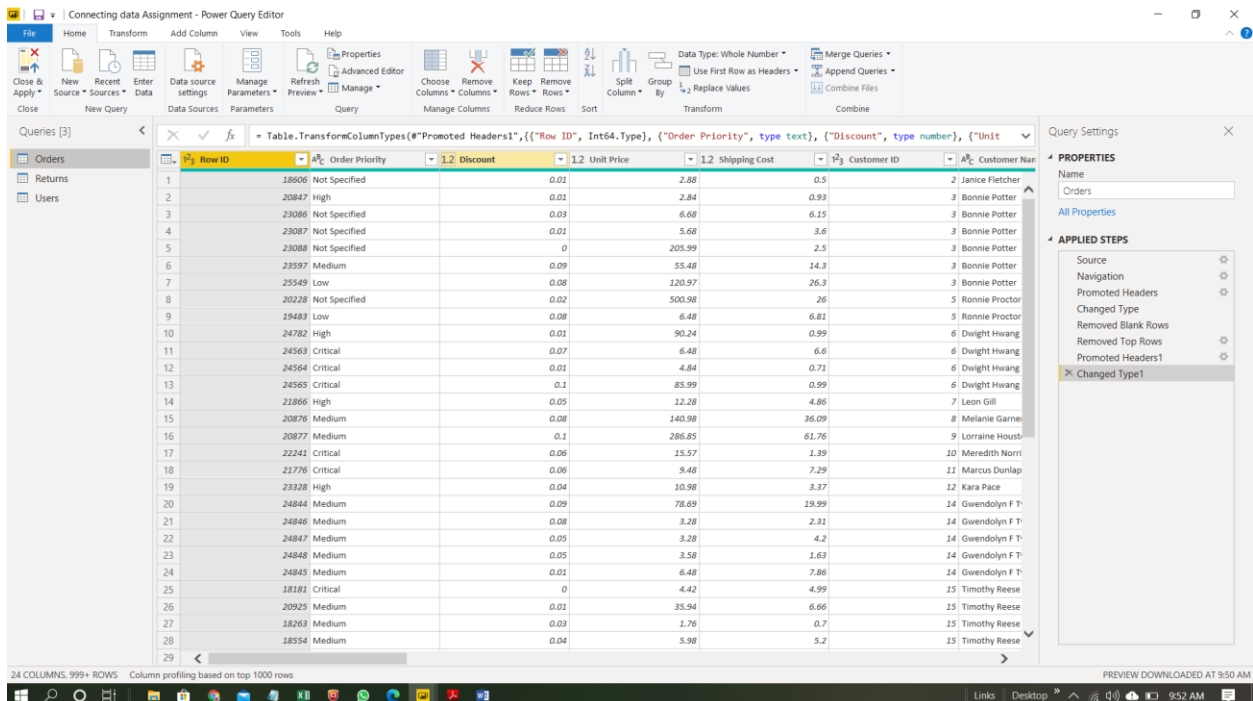
The screenshot displays the Power BI Data View interface. The table shows a list of orders with columns for Row ID, Order Priority, Discount, Unit Price, Shipping Cost, Customer ID, Customer Name, Ship Mode, Customer Segment, Product Category, Product Sub-Category, Product Container, and Product Name.

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
20384	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
24279	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	Clara Hauser	Regular Air	Corporate	Office Supplies	Paper	Small Box	Xerox 23
6575	Medium	0.1	6.48	9.17	607	Clara Hauser	Regular Air	Corporate	Office Supplies	Paper	Small Box	Xerox 1996
18113	Not Specified	0.08	6.48	5.14	608	Daniel Jones	Regular Air	Corporate	Office Supplies	Paper	Small Box	Xerox 23
24575	Medium	0.1	6.48	9.17	609	Shawn Adler	Regular Air	Corporate	Office Supplies	Paper	Small Box	Xerox 1996
12207	Low	0.1	6.48	9.54	680	Laurence Poe	Regular Air	Corporate	Office Supplies	Paper	Small Box	Xerox 1905
21208	Low	0.02	6.48	5.19	680	Laurence Poe	Regular Air	Corporate	Office Supplies	Paper	Small Box	Xerox 1995
27735	Low	0	6.48	8.19	719	Stephen Lam	Regular Air	Corporate	Office Supplies	Paper	Small Box	Xerox 217
24851	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
7953	High	0.09	6.48	7.03	894	Gail Rankin Cole	Regular Air	Corporate	Office Supplies	Paper	Small Box	Xerox 214
23955	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	1088	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	1773	Lois Bloom	Regular Air	Corporate	Office Supplies	Paper	Small Box	Xerox 7

– Model View



– Power Query Editor



– Advance Editor

The screenshot displays the Power Query Editor interface. The 'Advanced Editor' window is open, showing a M query named 'Orders'. The query code is as follows:

```
let
    Source = Excel.Workbook(File.Contents("C:\Users\masoo\Desktop\power bi and tableau\data\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 Blank Rows" = Table.SelectRows(#"Changed Type", each not List.IsEmpty(List.RemoveMatchingItems(Record.FieldValues(_), {"", null}))),
    #"Removed Top Rows" = Table.Skip(#"Removed Blank Rows", 2),
    #"Promoted Headers1" = Table.PromoteHeaders(#"Removed Top 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 code editor, a status bar indicates 'No syntax errors have been detected.' and provides 'Done' and 'Cancel' buttons. The background shows the 'Queries' pane with 'Orders', 'Returns', and 'Users' listed. The 'Query Settings' pane on the right shows the 'Properties' and 'Applied Steps' for the 'Orders' query. The 'Applied Steps' list includes: Source, Navigation, Promoted Headers, Changed Type, Removed Blank Rows, Removed Top Rows, Promoted Headers1, and Changed Type1. The bottom status bar shows '24 COLUMNS, 999+ ROWS' and 'Column profiling based on top 1000 rows'.

- **Prepare a document with details of the following along with their price**

– Power BI Desktop

Power BI Desktop allows you to ingest, transform, integrate and enrich your data. Connecting to all your data sources, Power BI Desktop simplifies data evaluation and sharing with scalable dashboards, interactive reports, embedded visuals and more.

The most common uses for Power BI Desktop are as follows:

- 1) Connect to data
- 2) Transform and clean that data, to create a data model
- 3) Create visuals, such as charts or graphs, which provide visual representations of the data
- 4) Create reports that are collections of visuals, on one or more report pages
- 5) Share reports with others by using the Power BI service

People most often responsible for such tasks are often considered data analysts (sometimes referred to as analysts) or business intelligence professionals (often referred to as report creators).

However, many people who don't consider themselves an analyst or a report creator use Power BI Desktop to create compelling reports, or to pull data from various sources and build data models, which they can share with their coworkers and organizations.

– Power BI Pro and Power BI Premium

The graphic is titled "Power BI pricing" with the subtitle "Analytics for every organization". It features a currency selector set to "US Dollar (\$)". It compares two options: "Power BI Pro" and "Power BI Premium".

Option	Price	Price Description
Power BI Pro	\$9.99	Monthly price per user
Power BI Premium	\$4,995	Monthly price per dedicated cloud compute and storage resource with annual subscription

Do you need self-service BI?

Choose Power BI Pro

- Self-service and modern BI in the cloud
- Collaboration, publishing, sharing, and ad-hoc analysis
- Fully managed by Microsoft

Do you need advanced analytics, big data support, and on-premises and cloud reporting?

Add Power BI Premium

- Enterprise BI, big data analytics, cloud and on-premises reporting
- Advanced administration and deployment controls
- Dedicated cloud compute and storage resources
- Allows any user to consume Power BI content