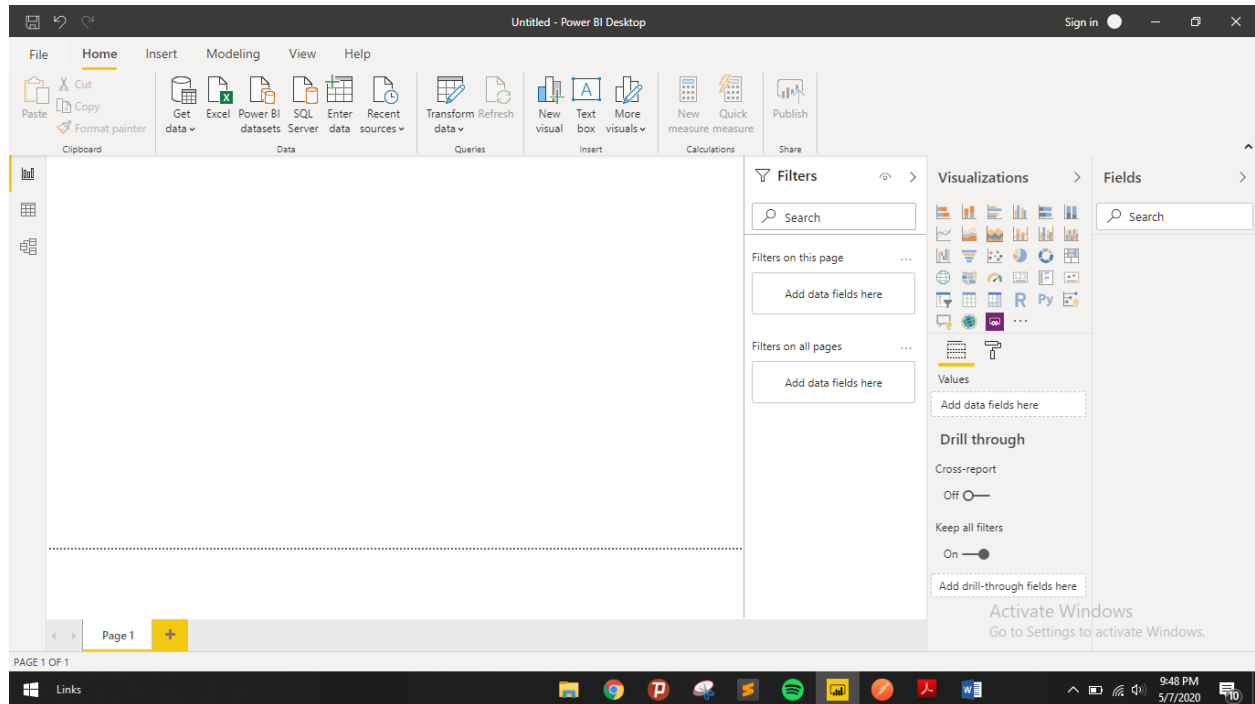


# Assignment – 1

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

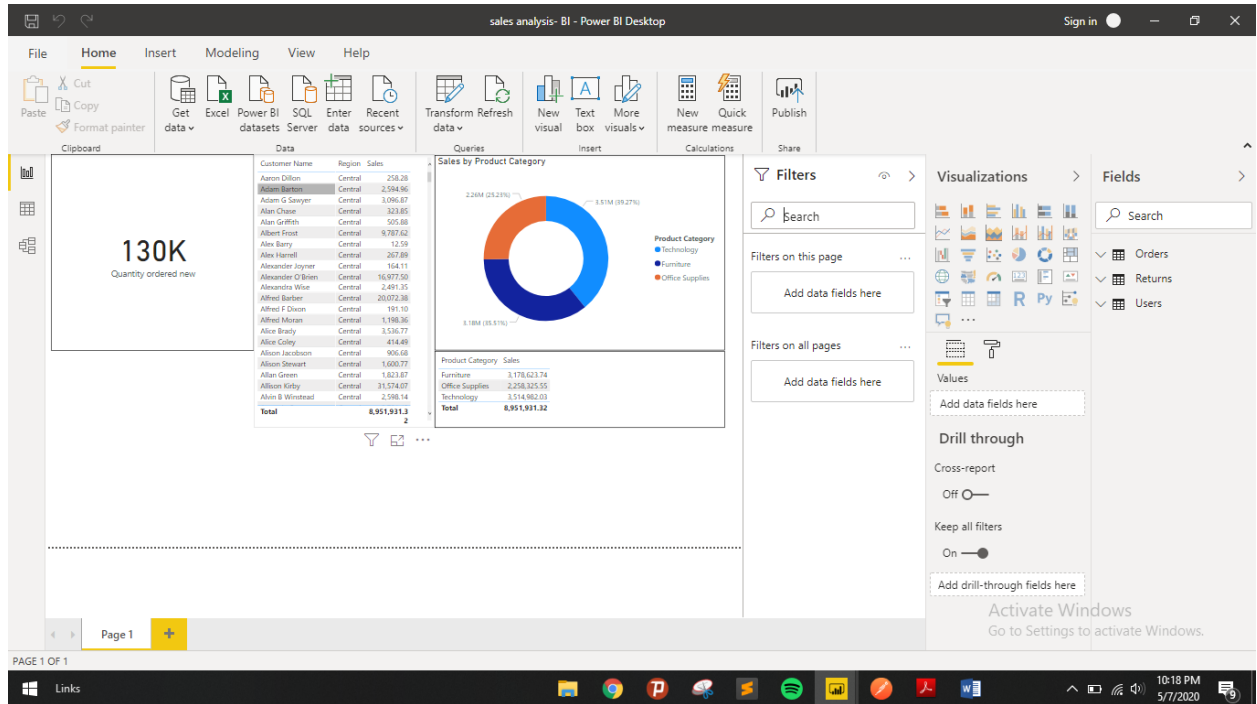
**Solution:**



- Prepare a document and with the following screenshot;

## 1. Report View:

When we first load data in Power BI Desktop, you'll see the Report view with a blank canvas.



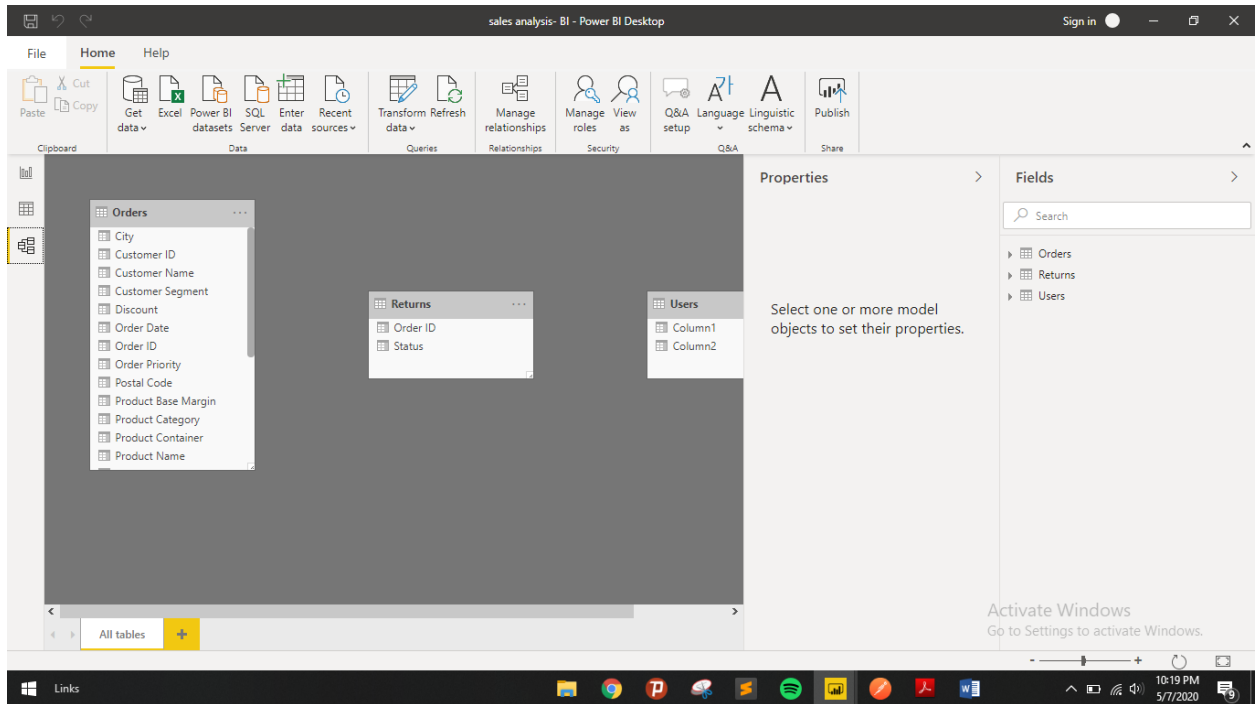
## 2. Data View:

Data view helps you inspect, explore, and understand data in your Power BI Desktop.

Row ID	Order Priority	Discount	Unit Price	Shipping Cost	Customer ID	Customer Name	Ship Mode	Customer Segment	Product Category	Product Sub-Category	Product
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 Coley	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	6.86	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

### 3. Model View:

Select the Model icon near the side of the window to see a view of the existing model. Hover your cursor over a relationship line to show the columns that are used.



#### 4. Power Query Editor:

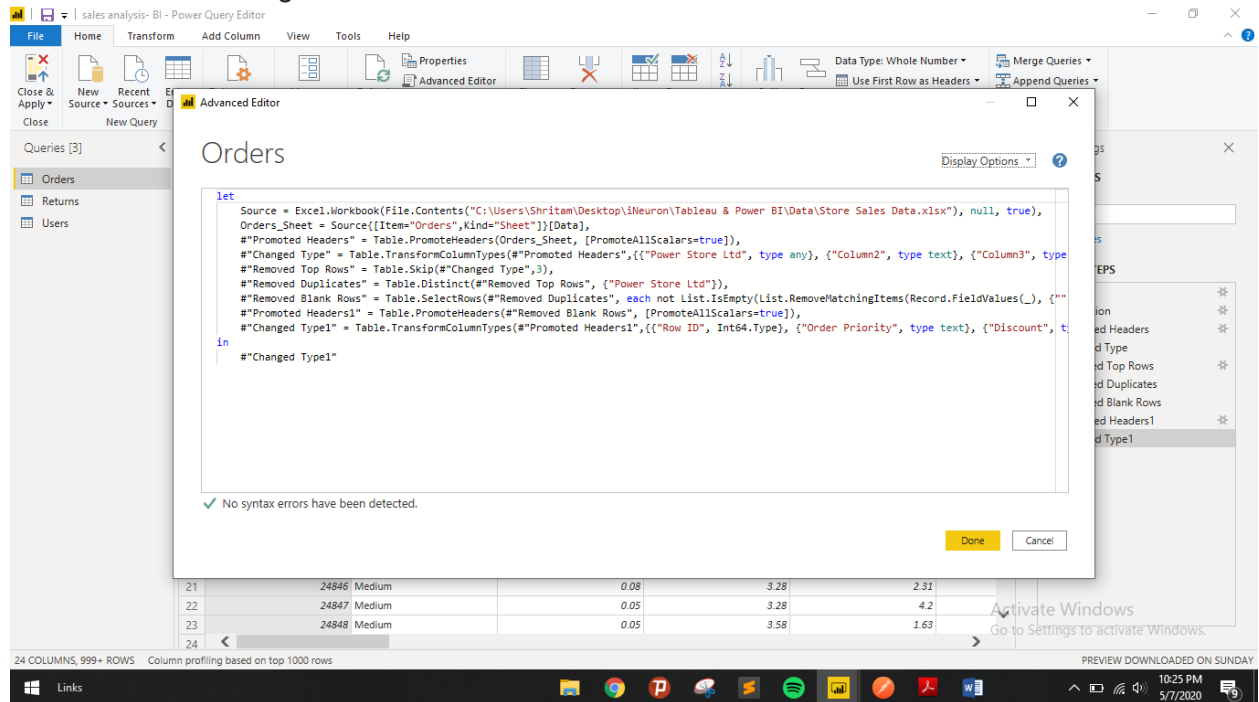
The Power Query Editor is the primary data preparation experience, allowing users to apply over 300 different data transformations by previewing data and selecting transformations in the user experience. These data transformation capabilities are common across all data sources, regardless of the underlying data source limitations.

The screenshot displays the Power Query Editor window for a query named 'Orders'. The main area shows a table with 24 columns and 999+ rows. The columns are: Row ID, Order Priority, Discount, Unit Price, Shipping Cost, and Customer ID. The table is sorted by Row ID in ascending order. The right-hand pane shows the 'PROPERTIES' section with the name 'Orders' and the 'APPLIED STEPS' section with a list of steps: Source, Navigation, Promoted Headers, Changed Type, Removed Top Rows, Removed Duplicates, Removed Blank Rows, Promoted Headers1, and Changed Type1. The bottom status bar indicates '24 COLUMNS, 999+ ROWS' and 'Column profiling based on top 1000 rows'. The Windows taskbar at the bottom shows the time as 10:22 PM on 5/7/2020.

Row ID	Order Priority	Discount	Unit Price	Shipping Cost	Customer ID
1	Not Specified	0.01	2.88	0.5	
2	High	0.01	2.84	0.93	
3	Not Specified	0.03	6.68	6.15	
4	Not Specified	0.01	5.68	3.6	
5	Not Specified	0	205.99	2.5	
6	Medium	0.09	55.48	14.3	
7	Low	0.08	120.97	26.3	
8	Not Specified	0.02	500.98	26	
9	Low	0.08	6.48	6.81	
10	High	0.01	90.24	0.99	
11	Critical	0.07	6.48	6.6	
12	Critical	0.01	4.84	0.71	
13	Critical	0.1	85.99	0.99	
14	High	0.05	12.28	4.86	
15	Medium	0.08	140.98	36.09	
16	Medium	0.1	286.85	61.76	
17	Critical	0.06	15.57	1.39	
18	Critical	0.06	9.48	7.29	
19	High	0.04	10.98	3.37	
20	Medium	0.09	78.69	19.99	
21	Medium	0.08	3.28	2.31	
22	Medium	0.05	3.28	4.2	
23	Medium	0.05	3.58	1.63	

## 5. Advance Editor:

In Power BI, when we add data using Get Data button by connecting to the services, Power BI generates a query in background and we can modify this query and its data sources using 'Advanced Editor' Button.



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

1. Power BI Desktop → Free
2. Power BI Pro → \$9.99 Monthly price per user
3. Power BI Premium → \$4,995 Monthly price per dedicated cloud compute and storage resource with annual subscription