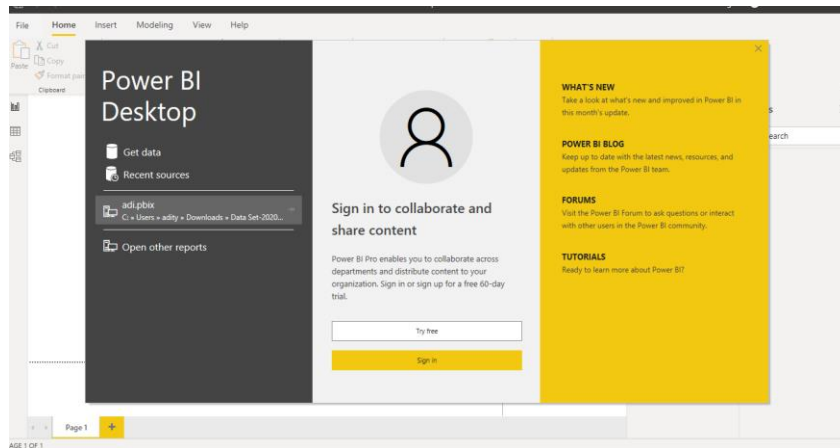


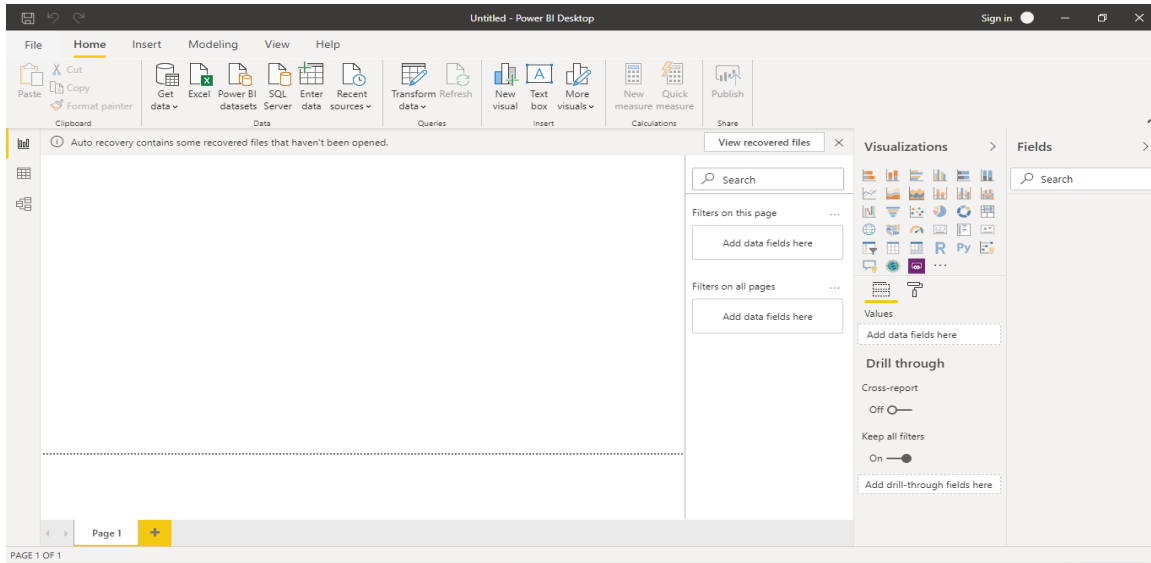
1. Install Power BI Desktop and share the final screenshot of the report view page which appears when power desktop starts.



2. Prepare a document and with the following screenshot.

- 1. Report View:-** Power BI desktop contain a report view where we can create our report and visualization. When we load data in Power BI desktop then a report view

with blank page will appear. This is the area where we create our report and do the visualization



2. Data View: - A data view shows the data after the data get loaded into the model. A data view help to inspect and explore and understand the data in Power BI Desktop.

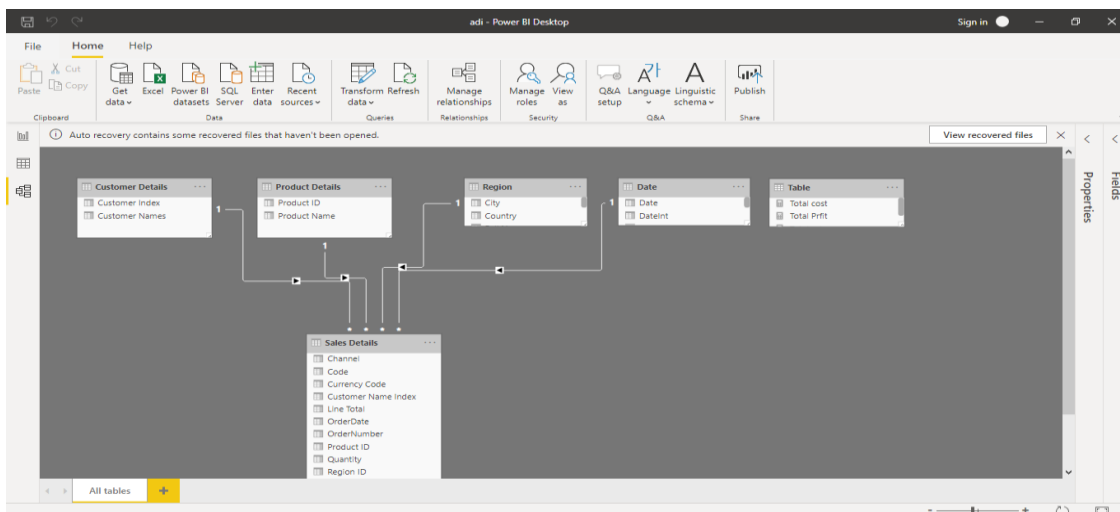
The screenshot shows the Power BI Desktop application window titled "adi - Power BI Desktop". The ribbon at the top includes tabs for File, Home, and Help. The "Table tools" tab is active, displaying icons for "Mark as date table", "Manage relationships", "New measure", "Quick measure", "New measure column", and "New table". The main workspace displays a table view of the "Sales Details" table. The table has columns for OrderNumber, OrderDate, Customer Name Index, Channel, Currency Code, Code, Region ID, Product ID, Quantity, Unit Price, Line Total, Total Unit Cost, and Total Profit. The table contains 10,684 rows of data. On the right side, there is a "Fields" panel showing a search bar and a list of data fields. The status bar at the bottom indicates "TABLE: Sales Details (10,684 rows)".

OrderNumber	OrderDate	Customer Name Index	Channel	Currency Code	Code	Region ID	Product ID	Quantity	Unit Price	Line Total	Total Unit Cost	Total Profit
11004	01 January 2019	8	Industries	Euro	INX005RT	49	26	6	978.2	5869.2	684.74	
11011	02 January 2019	111	Industries	Euro	INX005RT	33	26	12	3872.6	46471.2	2517.19	
11088	08 January 2019	93	Industries	Euro	INX005RT	48	26	6	1105.5	6633	851.235	
11102	09 January 2019	15	Industries	Euro	INX005RT	39	26	9	1072	9648	600.32	
11117	11 January 2019	100	Industries	Euro	INX005RT	45	26	7	2345	16415	1219.4	
11126	12 January 2019	88	Industries	Euro	INX005RT	43	26	10	201	2010	160.8	
11192	16 January 2019	13	Industries	Euro	INX005RT	51	26	8	1862.6	14900.8	949.926	
11206	18 January 2019	91	Industries	Euro	INX005RT	46	26	7	737	5159	626.45	
11209	18 January 2019	59	Industries	Euro	INX005RT	2	26	8	2512.5	20100	1331.625	
11241	21 January 2019	4	Industries	Euro	INX005RT	60	26	10	857.6	8576	497.408	
11243	21 January 2019	91	Industries	Euro	INX005RT	16	26	9	2278	20502	1161.78	
11254	22 January 2019	36	Industries	Euro	INX005RT	12	26	11	201	2211	118.59	
11280	25 January 2019	31	Industries	Euro	INX005RT	62	26	9	2338.3	21044.7	1286.065	
11287	26 January 2019	134	Industries	Euro	INX005RT	66	26	10	6311.4	63114	4986.006	
11299	26 January 2019	91	Industries	Euro	INX005RT	3	26	9	2278	20502	1161.78	
11352	30 January 2019	23	Industries	Euro	INX005RT	45	26	12	187.6	2251.2	155.708	
11376	01 February 2019	45	Industries	Euro	INX005RT	66	26	12	1239.5	14874	805.675	
11394	03 February 2019	89	Industries	Euro	INX005RT	57	26	9	2512.5	22612.5	1658.25	
11400	03 February 2019	133	Industries	Euro	INX005RT	63	26	8	2345	18760	1735.3	
11454	08 February 2019	92	Industries	Euro	INX005RT	46	26	5	1065.3	5326.5	671.139	
11468	09 February 2019	161	Industries	Euro	INX005RT	28	26	12	1031.8	12381.6	433.356	
11497	11 February 2019	39	Industries	Euro	INX005RT	57	26	9	958.1	8622.9	699.413	

There are few icons found in power BI desktop such as data view icon, data grid, modeling ribbon, formula bar, search, field list.

3. When we select the data view, we will enter inside it.
4. In data grid we see the table all the row and column.
5. In modeling ribbon, we can create the relationship, create calculation and can change the data types.
6. Search bar is used to search for the particular table or column in your model.
7. The field contain all your table, rows and columns.

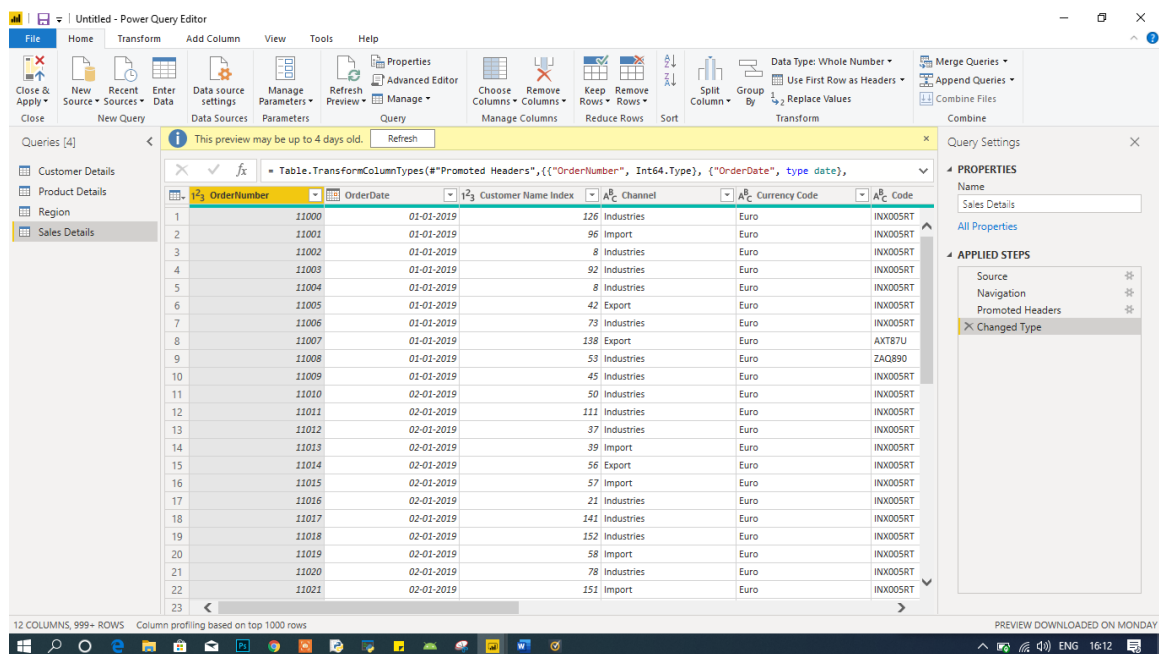
3. Model View: - The model view shows the tables, columns and relationships in your model. It represents the different relationship among the table, rows and columns. With the help of a modeling view we can create the diagram of our own.



4. Power Query Editor: - There is a '*Power Query Editor*' in the Power BI Desktop. We use power query editor so that we can connect with the many data sources and can transform our data to meet our needs. We perform the following task in power query editor:

- Shape and combine data.
- Select and perform queries.
- Create custom columns.
- Query formula.
- Pivot column.

To connect with data in power BI desktop, select on **Home** and then **get data**. Here you can connect with the different data source.

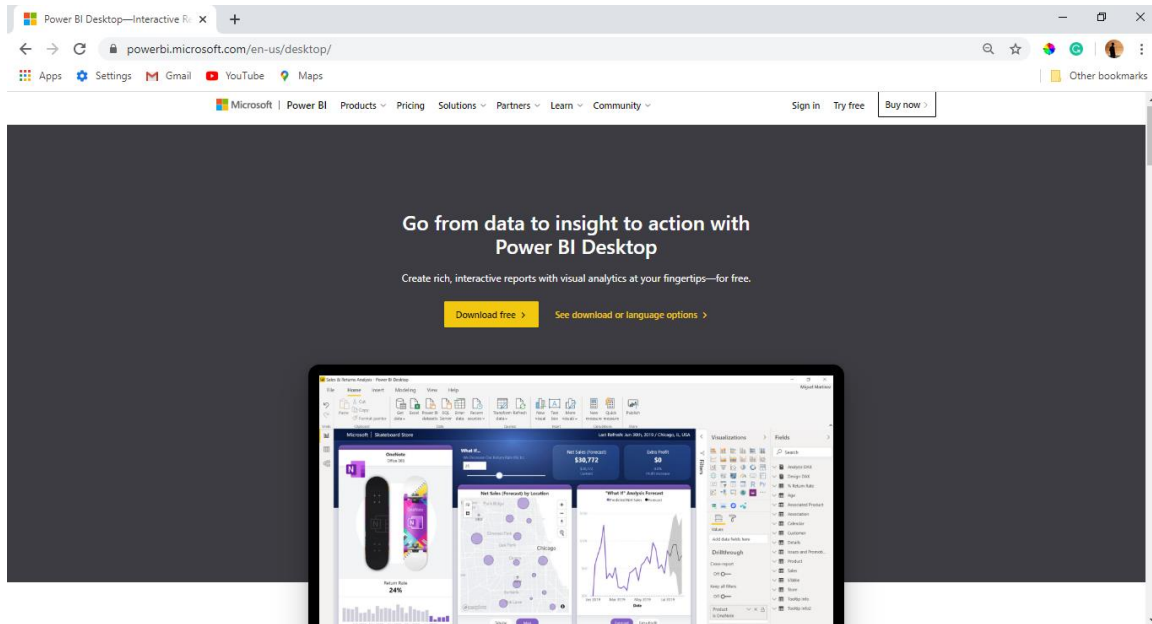


Advance Query: - The advance query editor let see all the code that were created by power BI desktop with each step. You can also crate your own code in advance query. To launch advance editor, select **view** and from view select **Advance Query**.



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

Power BI Desktop: - Power BI Desktop is a free version of Power BI which let you perform query, models and visualization. You can create your report, build models and can share your report by publishing your report to the power BI services.



Power BI Pro: - It is an individual user license. By using pro version, the user can interact with the dashboard and can read what others has published. Users can share their content and can collaborate with other power BI pro users. You can buy the power BI pro version from Microsoft official website. If you are a new user then you will get the one month free access.

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- Fully managed by Microsoft

Power BI Pro

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Power BI Premium: - This is usually used by the organizations. This can be used to enhance the resources of the organization. This provide the more responsive and better performance. With premium we will get the following advantages:

1. Flexibility to license by capacity.
2. Greater scalability.
3. Self-service and enterprise BI.
4. Extend on-premises BI with Power BI Report Server
5. Support for data residency by region (Multi-Geo)
6. Share data with anyone without purchasing a per-user license.

Power BI Premium available in two SKU (Stock Keeping Unit).

1. P SKU Which is for embedding and enterprise features and require monthly or yearly billing.
2. EM SKU which is for the organizational embedding and require yearly commitment.

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Power BI Premium

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