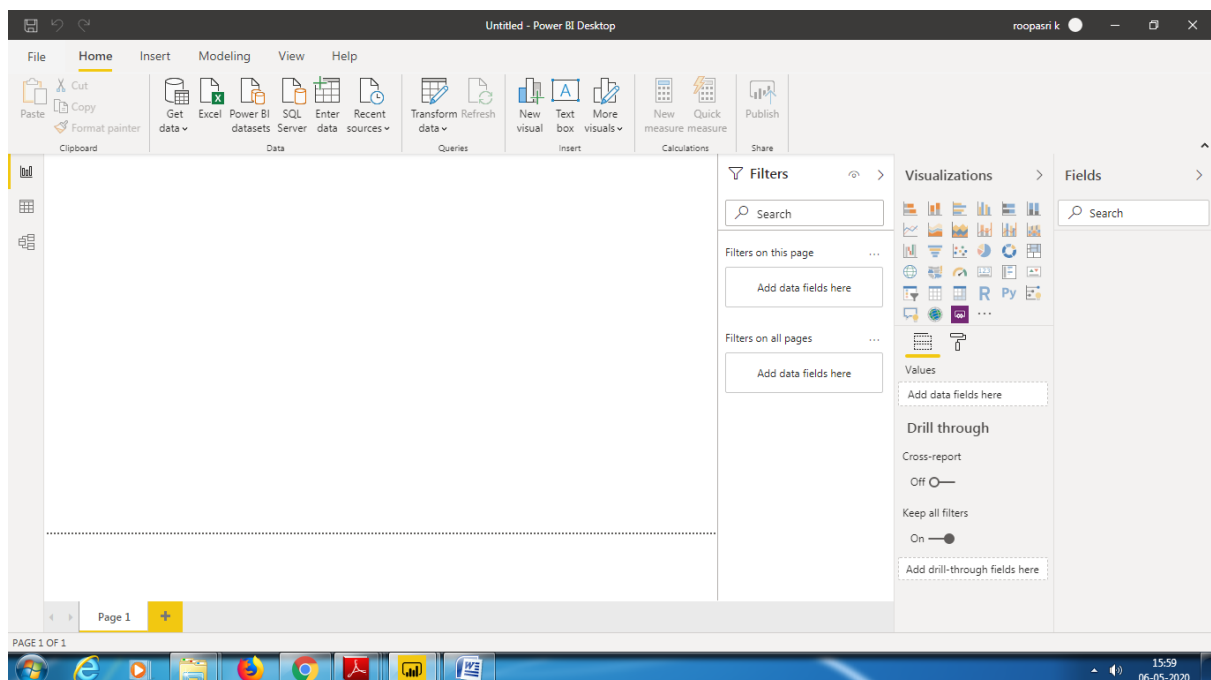
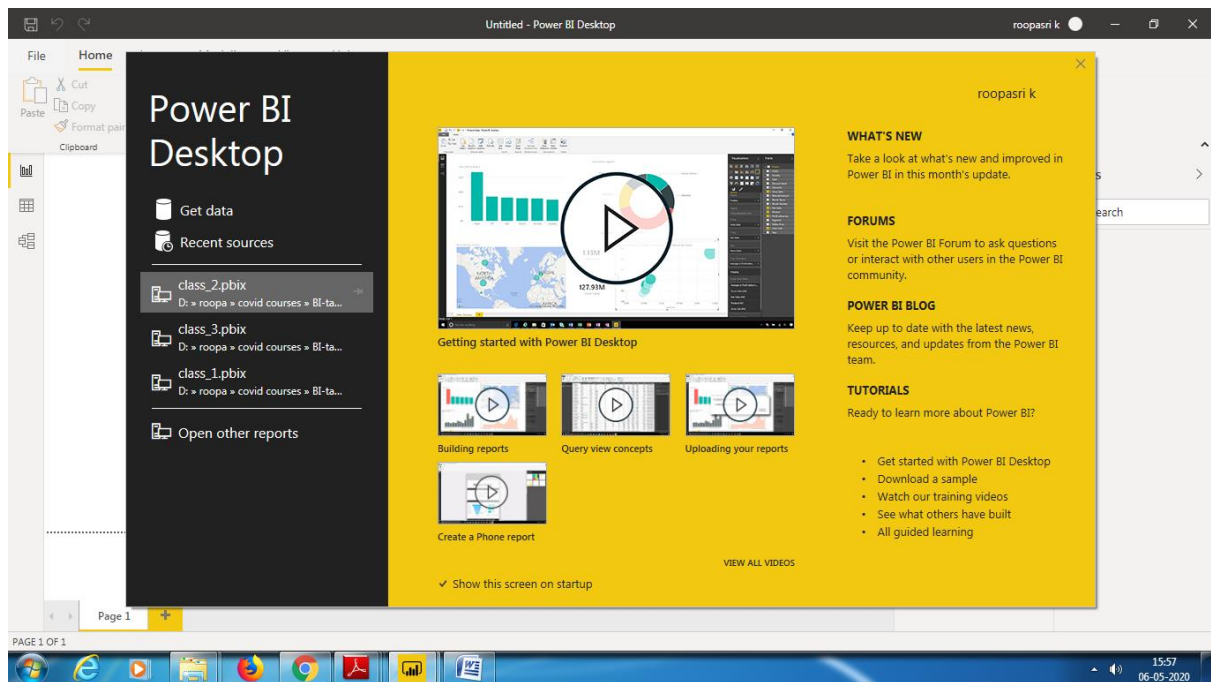


Assignment - 1

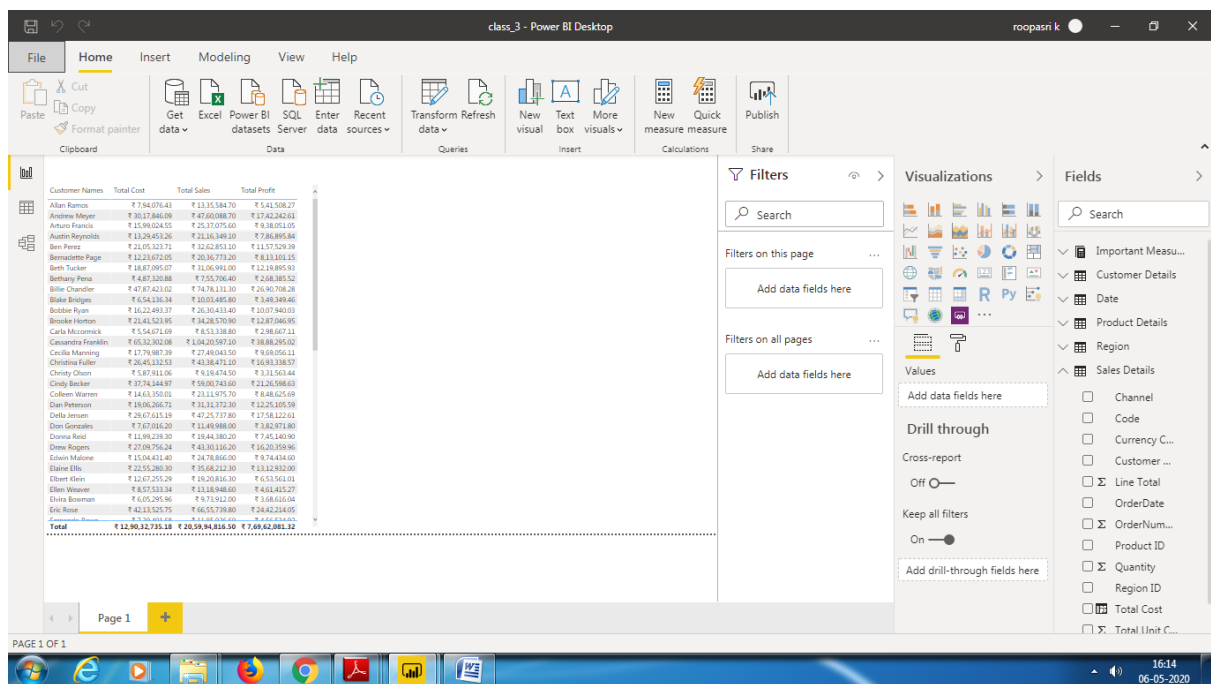
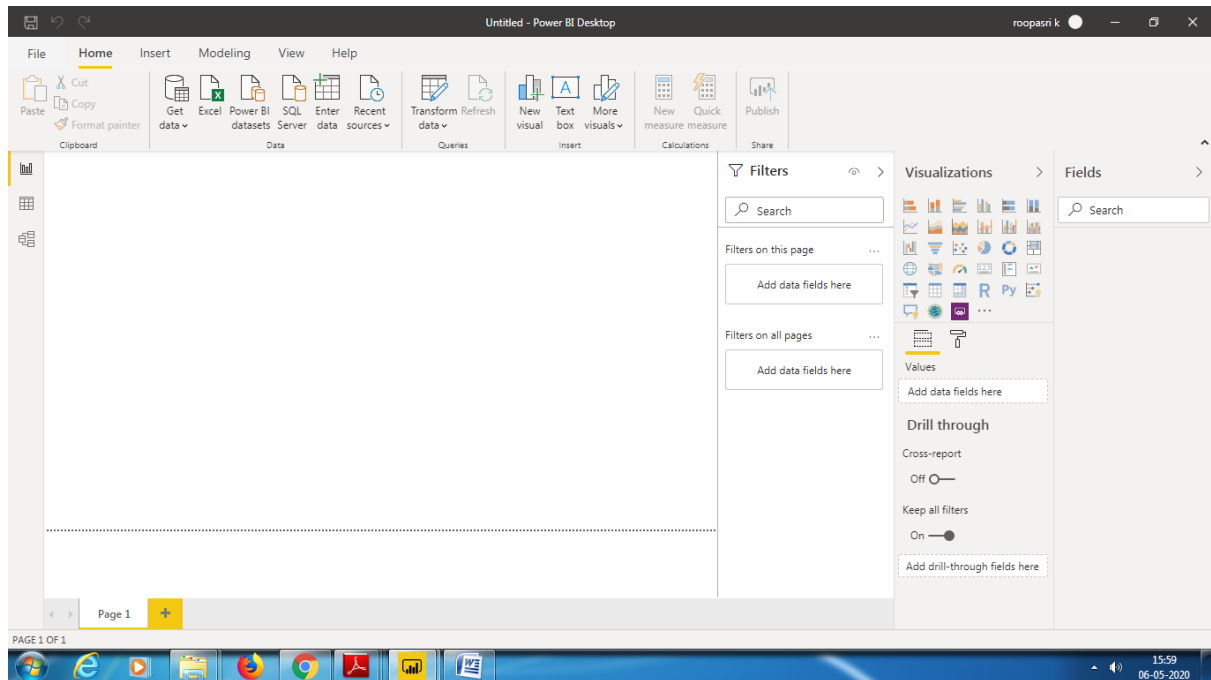
- **Install Power BI Desktop and share the final screenshot of the report view page which appears when power desktop starts.**



- **Prepare a document and with the following screenshot**

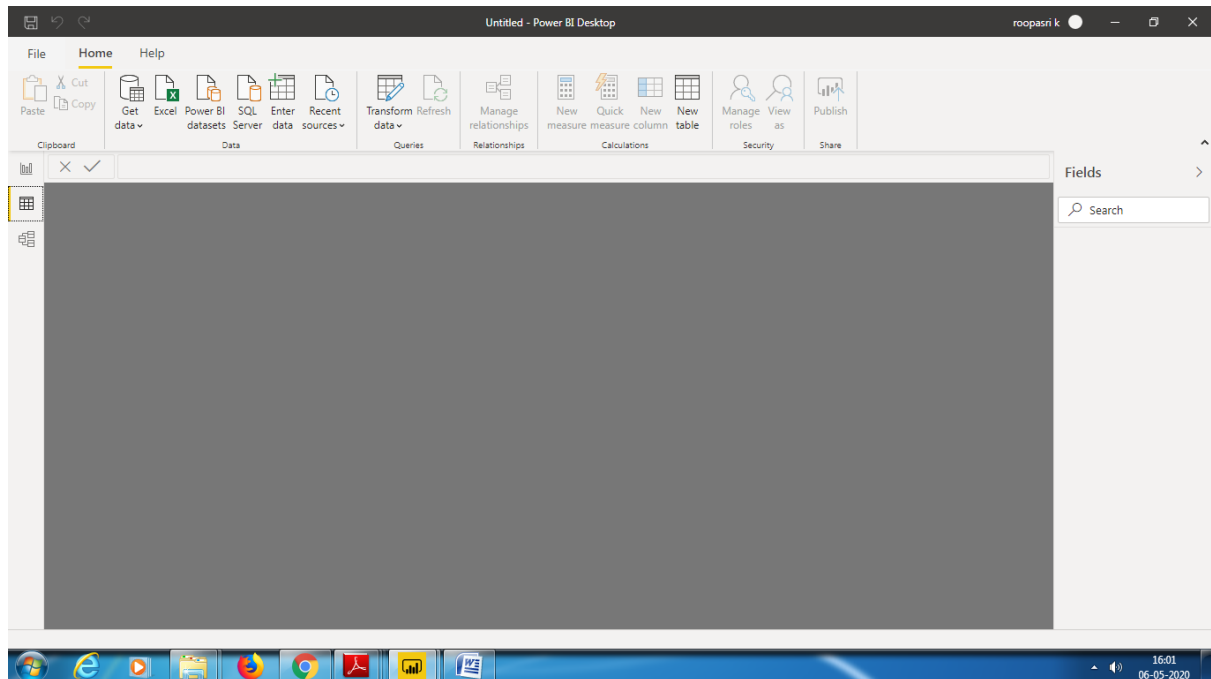
Report view:

Reports provide dynamic perspectives and insights into data. Power BI Desktop Report view, allows to create any number of report pages with visualizations. One can move visualizations around, copy and paste, merge, and so on.



Data view:

This view, provides the tables, measures, and other data used in the data model associated with your report, and transform the data for best use in the report's model.

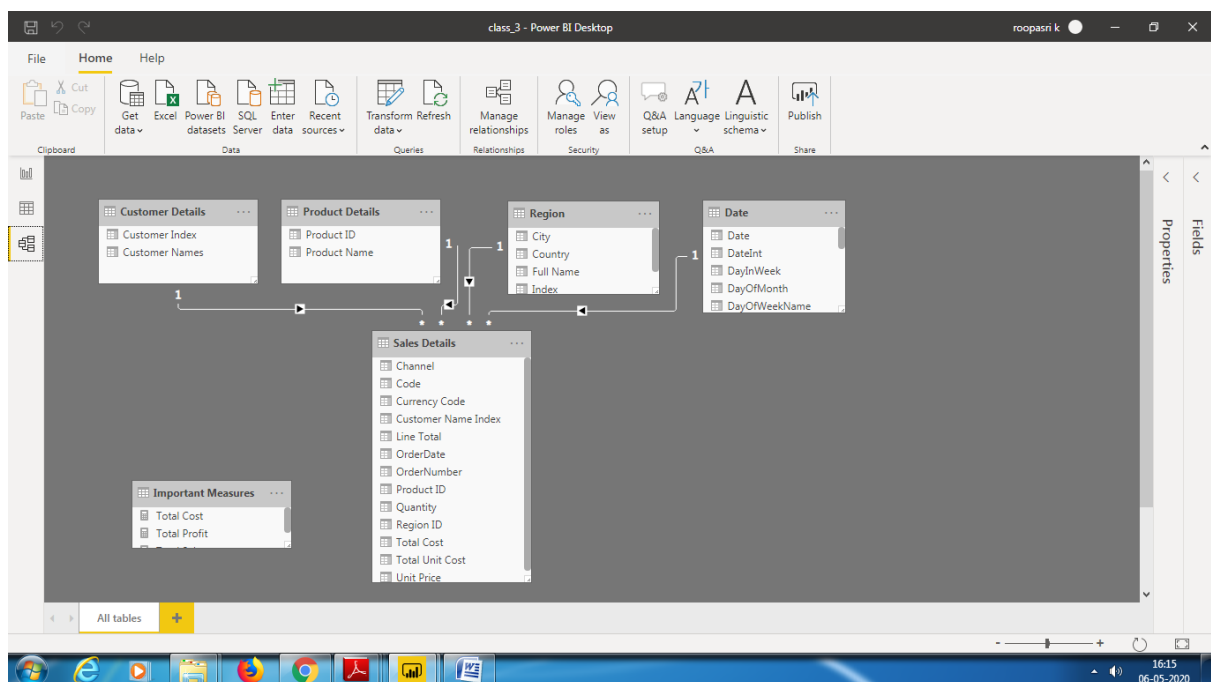
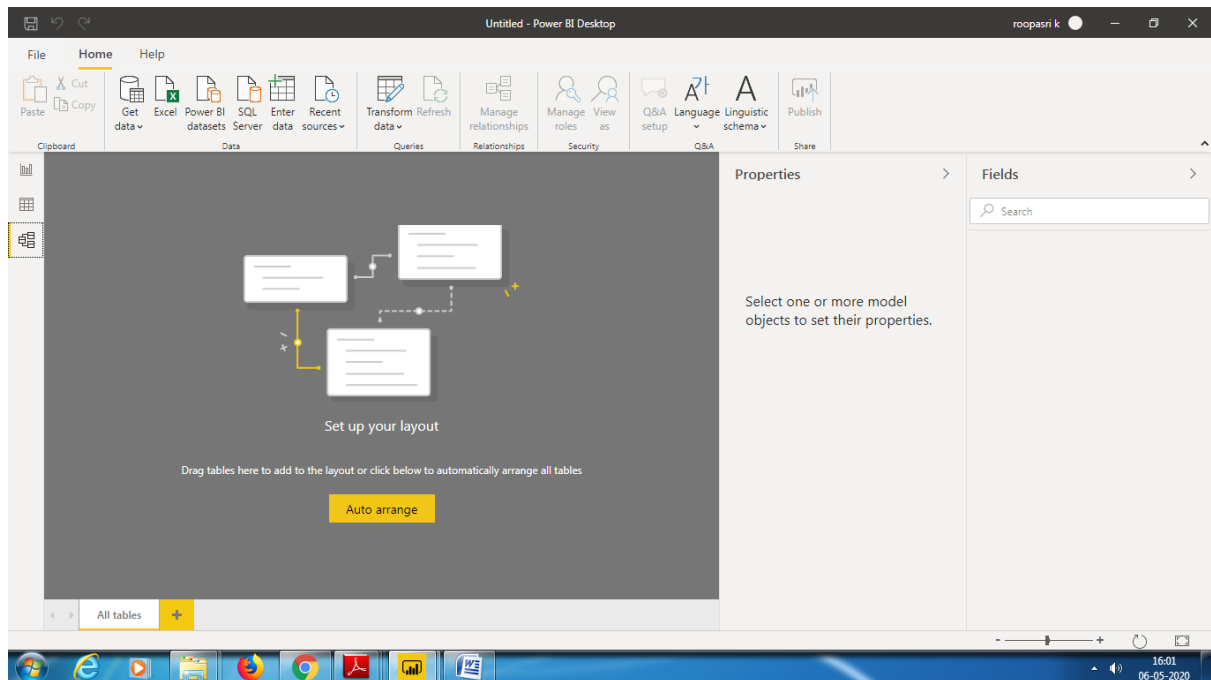


The screenshot shows the Power BI Desktop application in the 'Table view' tab. The ribbon includes 'File', 'Home', and 'Help'. The 'Table tools' ribbon has sections for 'Structure' (Mark as date table, Calendars), 'Relationships' (Manage relationships), and 'Calculations' (New measure, Quick measure, New measure column, New table). The main workspace displays a data table with the following columns: OrderNumber, OrderDate, Customer Name Index, Channel, Currency Code, Code, Region ID, Product ID, Quantity, Unit Price, Line Total, Total Unit Cost, and Total Cost. The table contains 10,684 rows of data. On the right, the 'Fields' pane is visible with a search bar and a list of fields including 'Important Meas...', 'Total Cost', 'Total Profit', 'Total Sales', 'Customer Details', 'Date', 'Product Details', 'Region', and 'Sales Details'. The taskbar at the bottom shows various application icons and the system clock indicating 16:15 on 06-05-2020.

OrderNumber	OrderDate	Customer Name Index	Channel	Currency Code	Code	Region ID	Product ID	Quantity	Unit Price	Line Total	Total Unit Cost	Total Cost
11004	01 January 2019	8	Industries	Euro	INX00SRT	49	26	6	978.2	5869.2	684.74	4108.44
11011	02 January 2019	111	Industries	Euro	INX00SRT	33	26	12	3872.6	46471.2	2517.19	30206.28
11088	08 January 2019	93	Industries	Euro	INX00SRT	48	26	6	1105.5	6633	851.235	5107.41
11102	09 January 2019	15	Industries	Euro	INX00SRT	39	26	9	1072	9648	600.32	5402.88
11117	11 January 2019	100	Industries	Euro	INX00SRT	45	26	7	2345	16415	1219.4	8535.8
11126	12 January 2019	88	Industries	Euro	INX00SRT	43	26	10	201	2010	160.8	1608
11192	16 January 2019	13	Industries	Euro	INX00SRT	51	26	8	1862.6	14900.8	949.926	7599.408
11206	18 January 2019	91	Industries	Euro	INX00SRT	46	26	7	737	5159	626.45	4385.15
11209	18 January 2019	59	Industries	Euro	INX00SRT	2	26	8	2512.5	20100	1331.625	10653
11241	21 January 2019	4	Industries	Euro	INX00SRT	60	26	10	857.6	8576	497.408	4974.08
11243	21 January 2019	91	Industries	Euro	INX00SRT	16	26	9	2278	20502	1161.78	10456.02
11254	22 January 2019	36	Industries	Euro	INX00SRT	12	26	11	201	2211	118.59	1304.49
11280	25 January 2019	31	Industries	Euro	INX00SRT	62	26	9	2338.3	21044.7	1286.065	11574.585
11287	26 January 2019	134	Industries	Euro	INX00SRT	66	26	10	6311.4	63114	4986.006	49860.06
11299	26 January 2019	91	Industries	Euro	INX00SRT	3	26	9	2278	20502	1161.78	10456.02
11352	30 January 2019	23	Industries	Euro	INX00SRT	45	26	12	187.6	2251.2	155.708	1868.496
11376	01 February 2019	45	Industries	Euro	INX00SRT	66	26	12	1239.5	14874	805.675	9668.1
11394	03 February 2019	89	Industries	Euro	INX00SRT	57	26	9	2512.5	22612.5	1658.25	14924.25
11400	03 February 2019	133	Industries	Euro	INX00SRT	63	26	8	2345	18760	1735.3	13882.4
11454	08 February 2019	92	Industries	Euro	INX00SRT	46	26	5	1065.3	5326.5	671.139	3355.695
11468	09 February 2019	161	Industries	Euro	INX00SRT	28	26	12	1031.8	12381.6	433.356	5200.272
11497	11 February 2019	39	Industries	Euro	INX00SRT	57	26	9	958.1	8622.9	699.413	6294.717

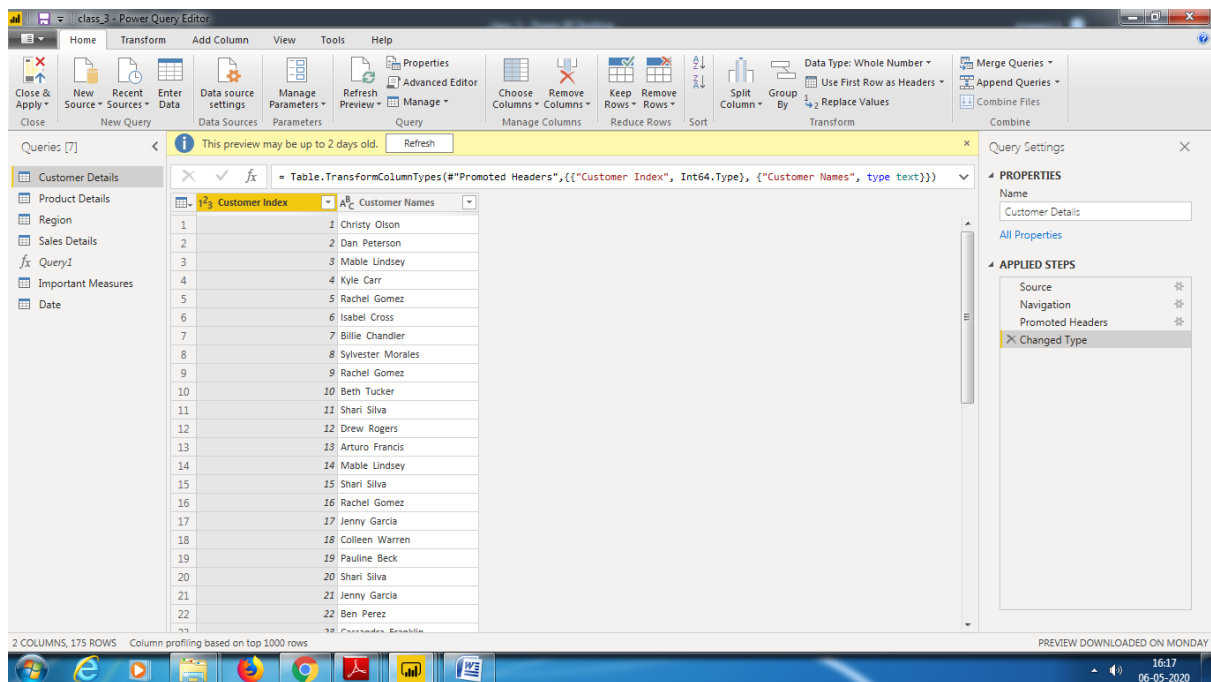
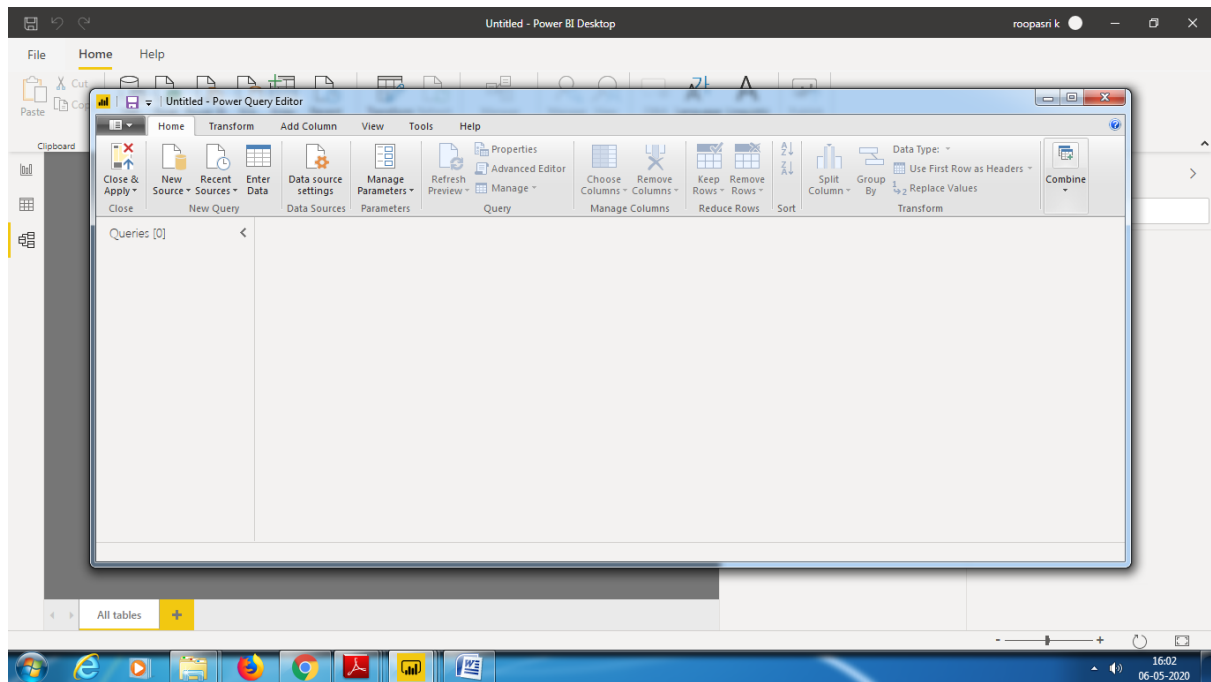
Model view:

Model view shows all of the tables, columns, and relationships in the model. This view can be especially helpful when the model has complex relationships between many tables.



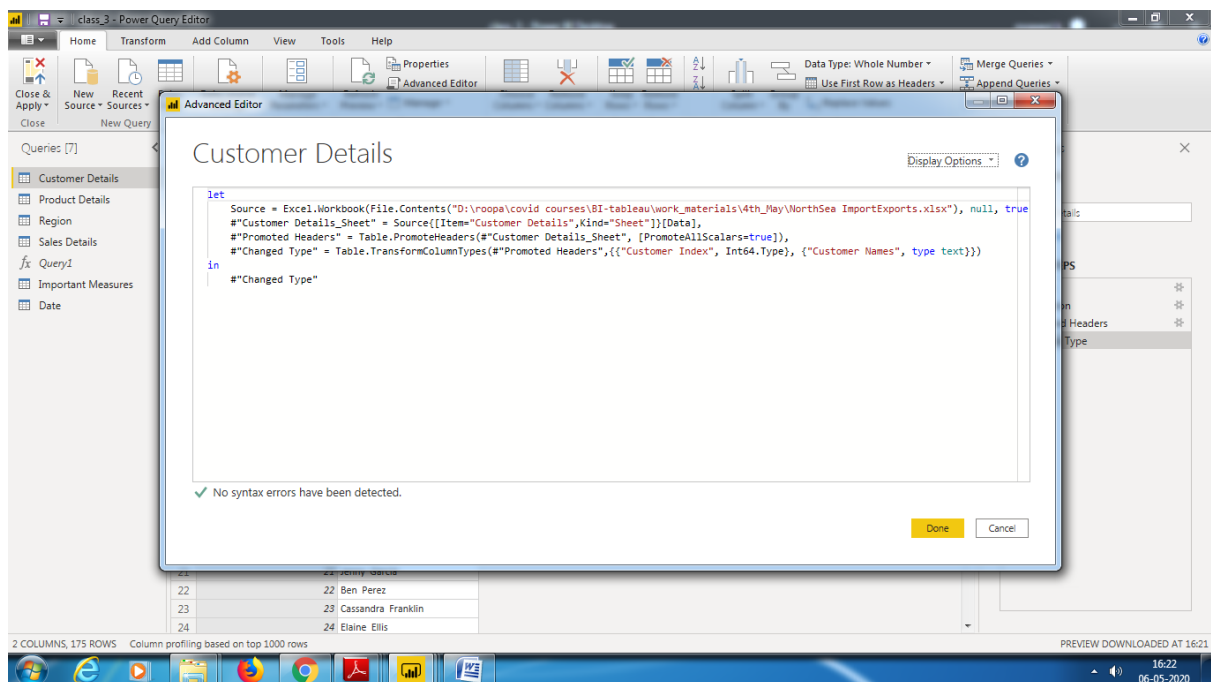
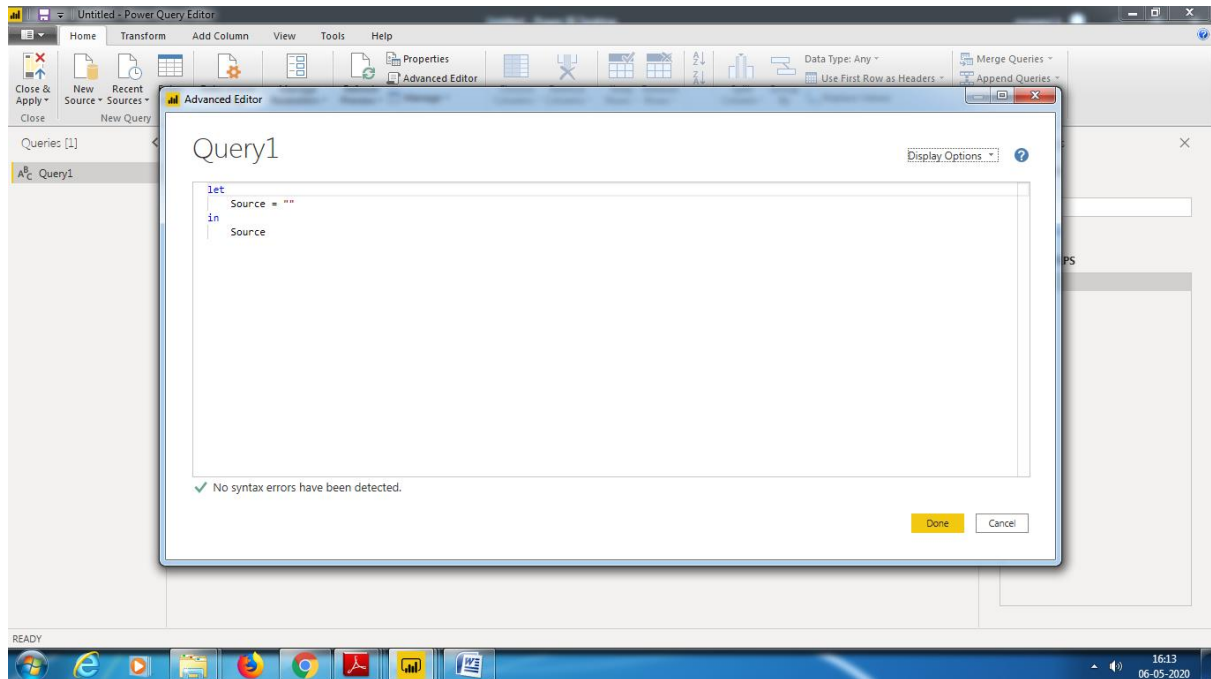
Power Query Editor:

Power Query in Power BI provides connections to many different data sources, transform the data into the shape you want, and quickly be ready to create reports and insights. When using Power BI Desktop, Power Query functionality is provided in the Power Query Editor.



Advance Editor:

The Advanced Editor lets to see the code that Power Query Editor is creating with each step. It also lets to create own shaping code. To launch the advanced editor, select View from the ribbon, then select Advanced Editor.



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

Power BI Desktop

Free Application installed on local computer that lets us connect to, transform and visualize data.

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

Features

- Connect and import data from over 70 cloud-based and on-premises sources
- The same rich visualisations and filters from Power BI Pro
- Auto-detect that finds and creates data relationships between tables and formats
- Export your reports to CSV, Microsoft Excel, Microsoft PowerPoint and PDF
- Python support
- Save, upload and publish your reports to the Web and the full Power BI service
- Storage limit of 10 GB per user

Cost : Free

Power BI Pro

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

Features

- Ability to embed Power BI visuals into apps (PowerApps, SharePoint, Teams, etc)
- Native integration with other Microsoft solutions (Azure Data Services)
- Share datasets, dashboards and reports with other Power BI Pro users
- Can create App Workspaces and peer-to-peer sharing

Cost : \$9.99 monthly per user

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

Features

- Increased data capacity limits and maximum performance
- Access to one API surface
- Ability to embed Power BI visuals into apps (PowerApps, SharePoint, Teams, etc)
- Larger storage sizes for extended deployments
- Geo distribution, higher refresh rates, isolation, pin to memory, read-only replicas
- Power BI Report Server

Cost : \$4995 monthly price per dedicated cloud compute and storage resource with annual subscription

	Power BI Pro	Power BI Premium
Licensing differences		
Included with office 365 Enterprise E5	•	
Licensed per user	•	
Licensed by dedicated cloud compute and storage resources		•
Deployment and Administration		
On –premises reporting through Power BI report server		•
Compute processing environment	Shared	Dedicated
Deploy power BI content to multiple regions		•
Incremental data refresh		•
Publish reports to be shared	•	
Maximum size of individual dataset	1G	10G
Maximum storage	10G per user	100TB
Maximum number of automatic refresh per day	8	48
Data prep, modelling and visual creation		
AI powered data modelling using Auto-ML, cognitive services and Azure machine learning		•
Content consumption		
Paginated reports provide fixed – layout documents optimized for printing and archiving		•