ASSIGNMENT- 1
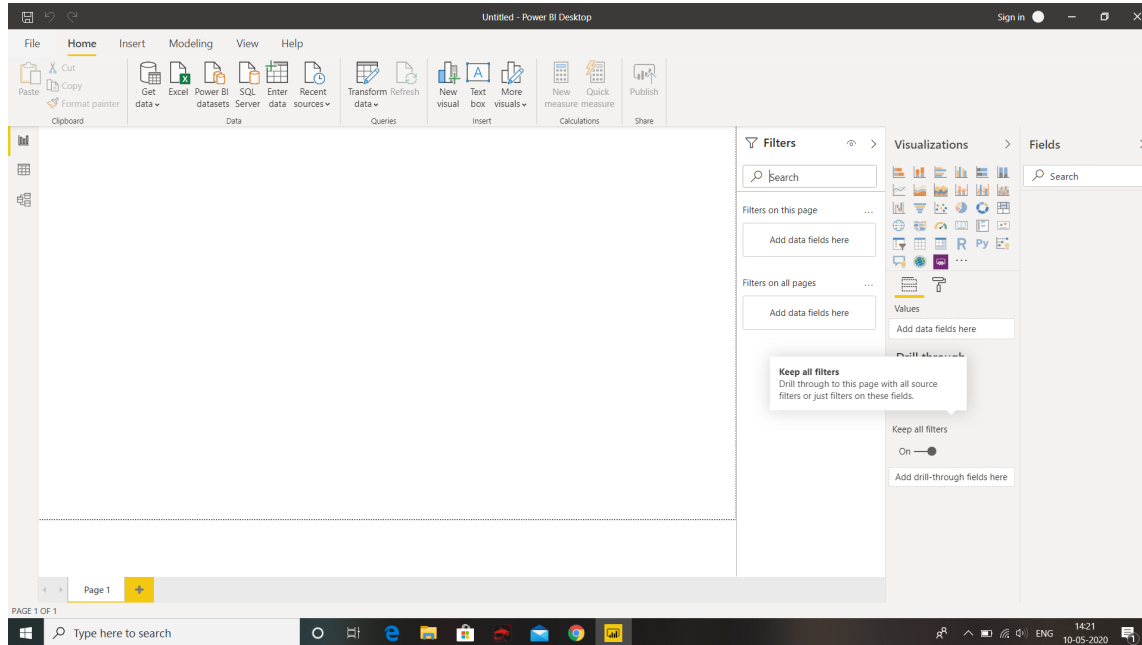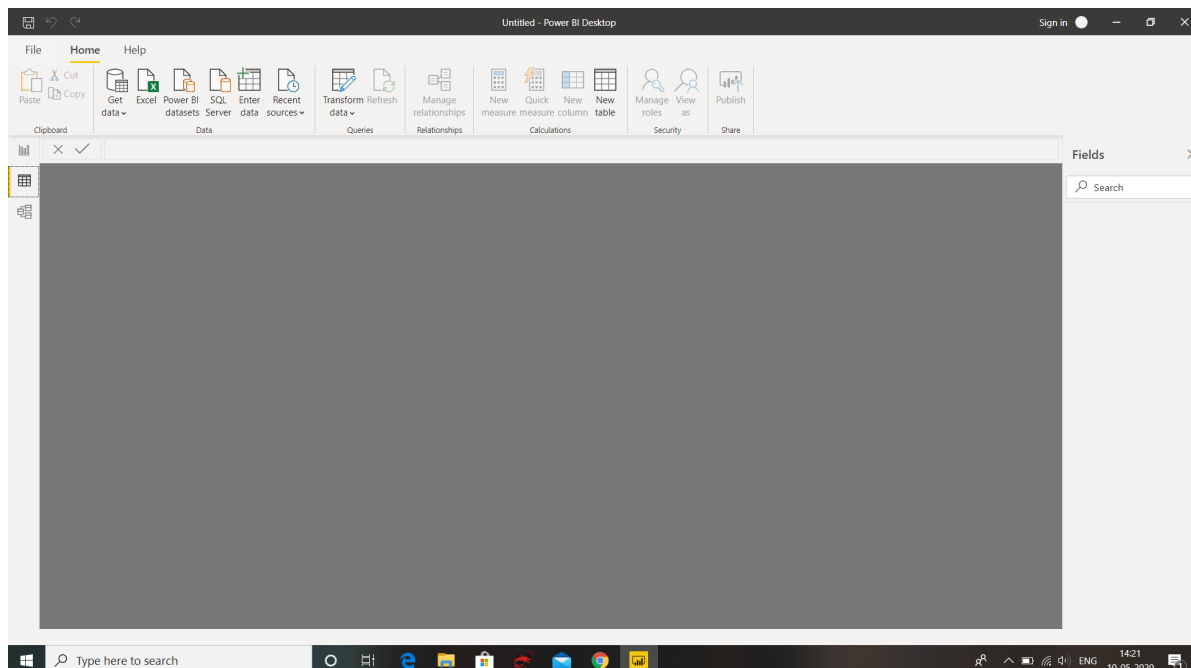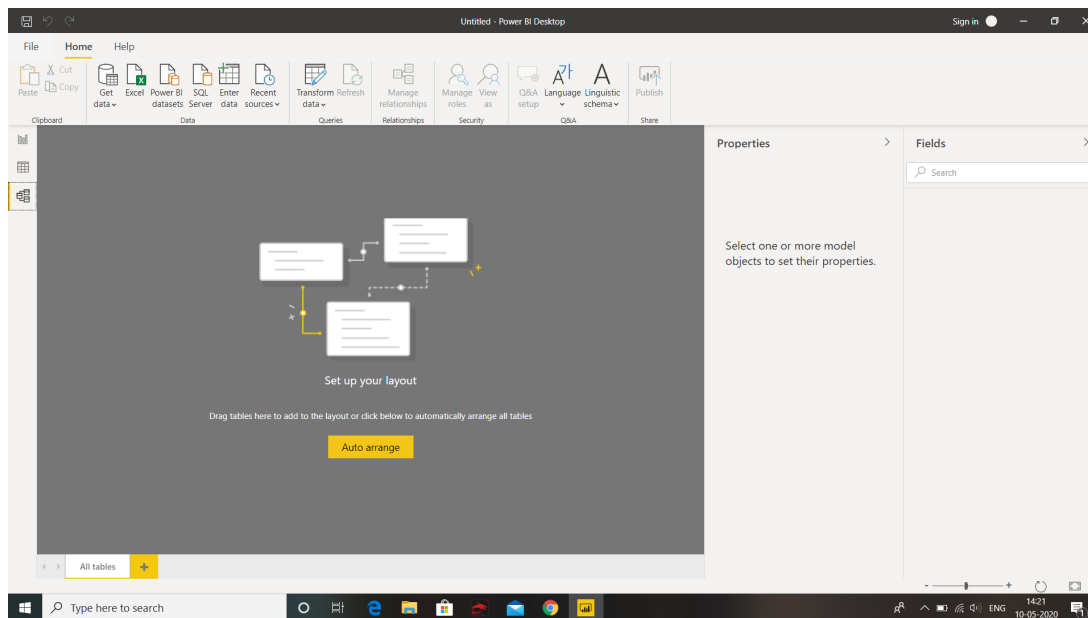
- Power BI Desktop includes a **Report view**, where you can create any number of report pages with visualizations.When you first load data in Power BI Desktop, you'll see the Report view with a blank canvas.
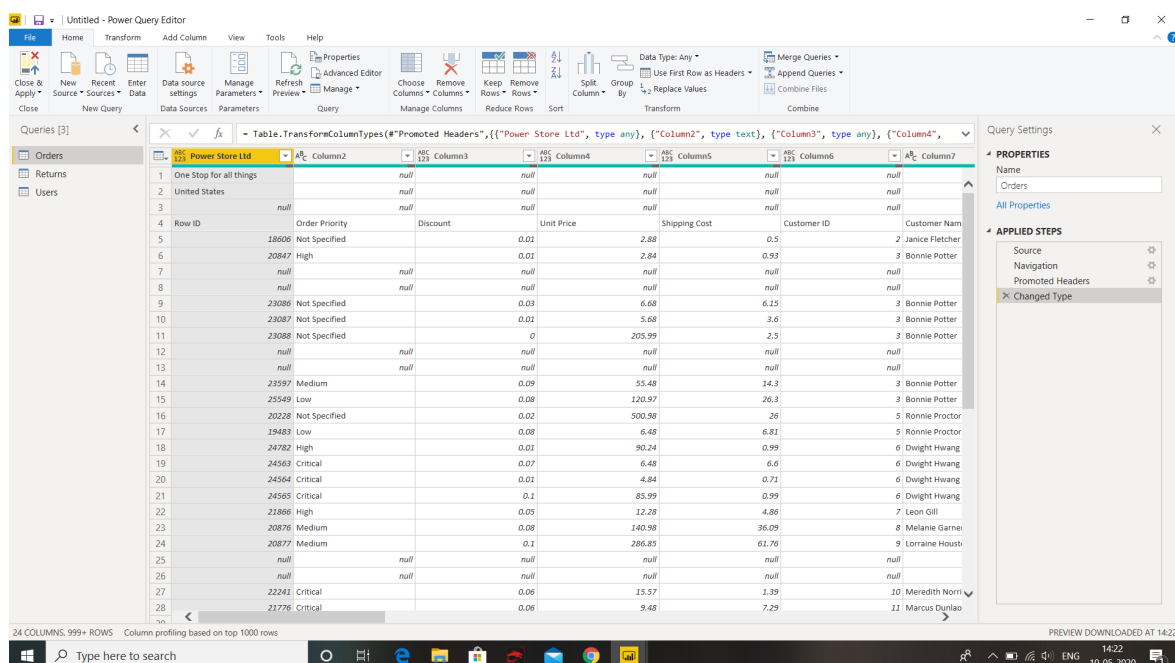

- *Data view* helps you inspect, explore, and understand data in your *Power BI Desktop* model.With Data view, you're looking at your data *after* it has been loaded into the model.
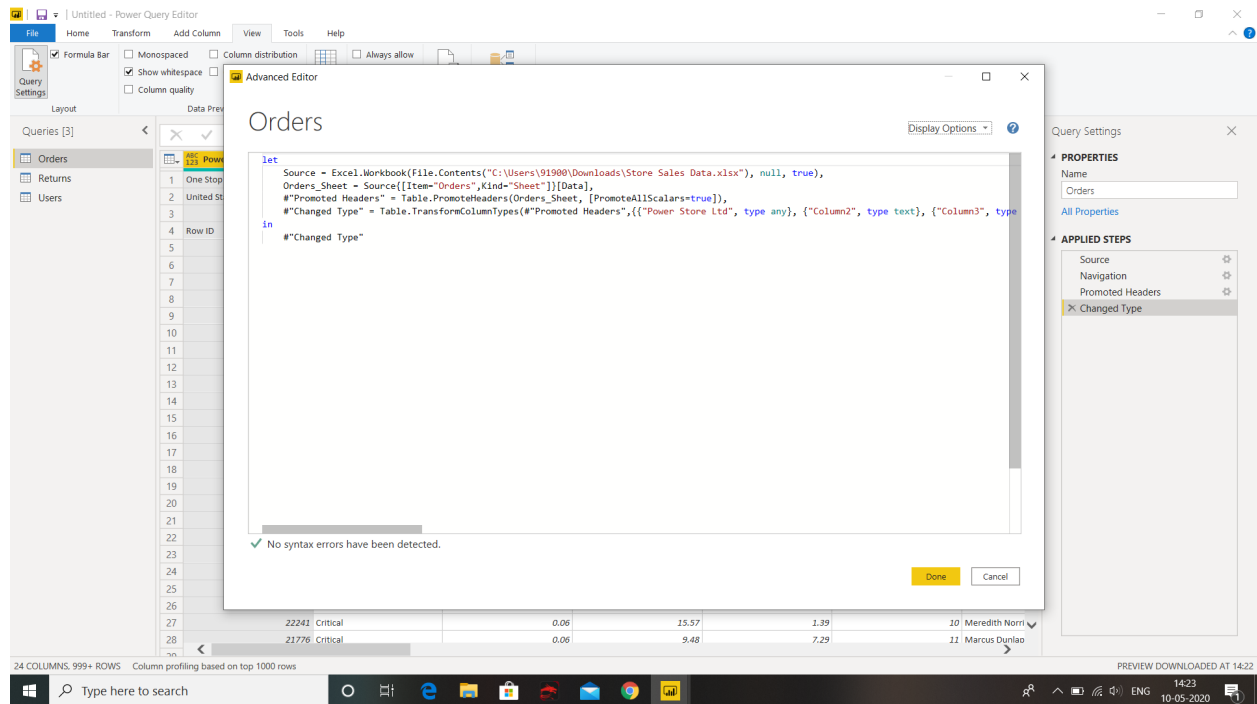
- With Modeling view in Power BI Desktop, you can view and work with complex datasets that contain many tables by establishing relation between them.

- With Power Query Editor in Power BI you can connect to many different data sources, transform the data into the shape you want, and quickly be ready to create reports and insights.
    1. The Transform tab provides access to common data transformation tasks, such as adding or removing columns, changing data types, splitting columns, and other data-driven tasks.
    2. The Add Column tab provides additional tasks associated with adding a column, formatting column data, and adding custom columns.

3. The View tab on the ribbon is used to toggle whether certain panes or windows are displayed. It's also used to display the Advanced Editor.

● The Advanced Editor lets you see the code that Power Query Editor is creating with each step. It also lets you create your own shaping code.

- **Power BI Desktop:-**
  Power BI Desktop is tailored for small businesses and individuals who want to get more insights from the data. Power BI Desktop is the free version of Power BI it's included with all Office 365 plans plus you can sign up anytime you want here. Even though this is a free version it's surprisingly functional – it allows you to connect to all the data sets that Pro allows, with no restriction on how much data you pull in, it also lets you clean, prepare and build your visualizations without restrictions.

- **Power BI Pro:-**
  Power BI Pro is the full, licensed based version, which means it comes with complete capability for building dashboards, reporting and importantly sharing reports (which is not available on desktop). Power BI is for businesses that require many users to have the capability to create and share reports.

  Price:- Rs. 660 per user per month.
  Best For Medium and large-scale business, Corporations with big data and data scientists and Multi-location businesses.

- **Power BI Premium :-**
  Power BI Premium license is not a per-user price point, like the Free and Pro solutions. Instead the Premium license is a dedicated capacity for the entire organization, large datasets of up to 50GB in size can be processed and a total of 100TB of data storage with a maximum number of 48 refreshes a day. Power BI Premium is an on-premise solution that can be moved to the cloud once the organization is ready.

  Price:- Rs. 330190 (Monthly price per dedicated cloud compute and storage resource with annual subscription)
  Best For Large scale businesses with huge data sets and/or Corporations with big data and data scientists.

  - ❖ The functional difference between Power BI Pro and Premium are pretty small – they have many of the same capabilities; it really comes down to what is more economical for the scale of your business. Typically, Premium will only be cost effective for organizations with large deployments in terms of storage usage or hundreds of users.

Comparison:-

	Power BI Desktop	Power BI Pro	Power BI Premium
Included with Office 365 E5:		✓	
Licensed per:	User	User	Cloud Compute
Data Refresh Rate:	8/day	8/day	48/day
Unrestricted Report Sharing:	✓	✓	✓
Export to CSV, XLS, PDF & PPTX:		✓	✓
Embed Visuals into Apps (Teams, SharePoint, etc.,):		✓	✓
Storage Limit:	10GB	10GB	100TB
Fixed paginated layout for printing:			✓