

# Power BI Introduction

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# Power BI Introduction

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# Power BI Version

- Power BI is self-service analytics tool in current data world.
- It is mostly use for data analysis, data modeling and reporting of huge amount of data.
- Currently there are 3 type of Power BI version as listed below,
  1. Power BI Desktop
  2. Power BI Pro
  3. Power BI Premium

# 1. Power BI Desktop

- Power BI Desktop is free version of Power BI.
- This version you can install on your local computer as a program and worked as companion desktop application.
- This is best program to start to make report more interactive or analysts seeking richer details.
- As this is FREE of cost, still provide below listed fetchers in it.
  - You can connect and import data from over 70 cloud-based and on-premises sources.
  - The same rich visualizations 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 and R support.
  - Save, upload and publish your reports to the Web and the full Power BI service.
  - Storage limit of 10 GB per user.

## 2. Power BI Pro

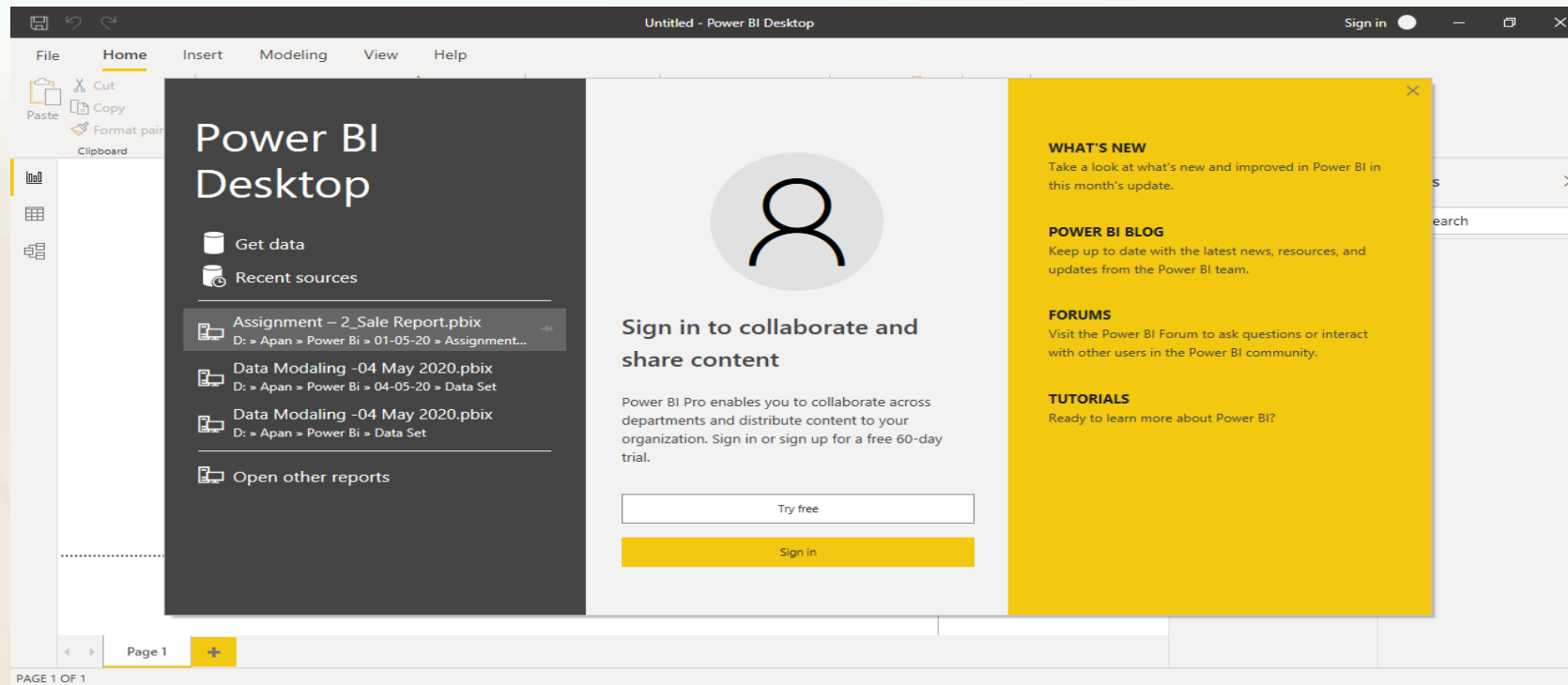
- Power BI Pro is full paid version of Power BI.
- This version has ability to use Power BI for Building dashboards and reports with unlimited viewing and sharing.
- With this version you get below listed additional fetchers then Desktop,
  - Ability to embed Power BI visuals into apps (PowerApps, SharePoint, 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.
- Power BI Pro cost \$9.99 (USD) per Month.

### 3. Power BI Premium

- Power BI Premium is most expensive version of Power BI.
- This version is suitable for big size of organization and Big data use.
- With this version one organization license is useable for all employee of the particular organization.
- Additional fetchers as listed below,
  - 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 of license is \$4995 USD monthly per dedicated cloud compute and storage resources.

# Power BI Installation

- Power BI Desktop Installation,
- Download setup file via website of Microsoft. ([Link](#))
- Do setup in your computer and it is show below image,



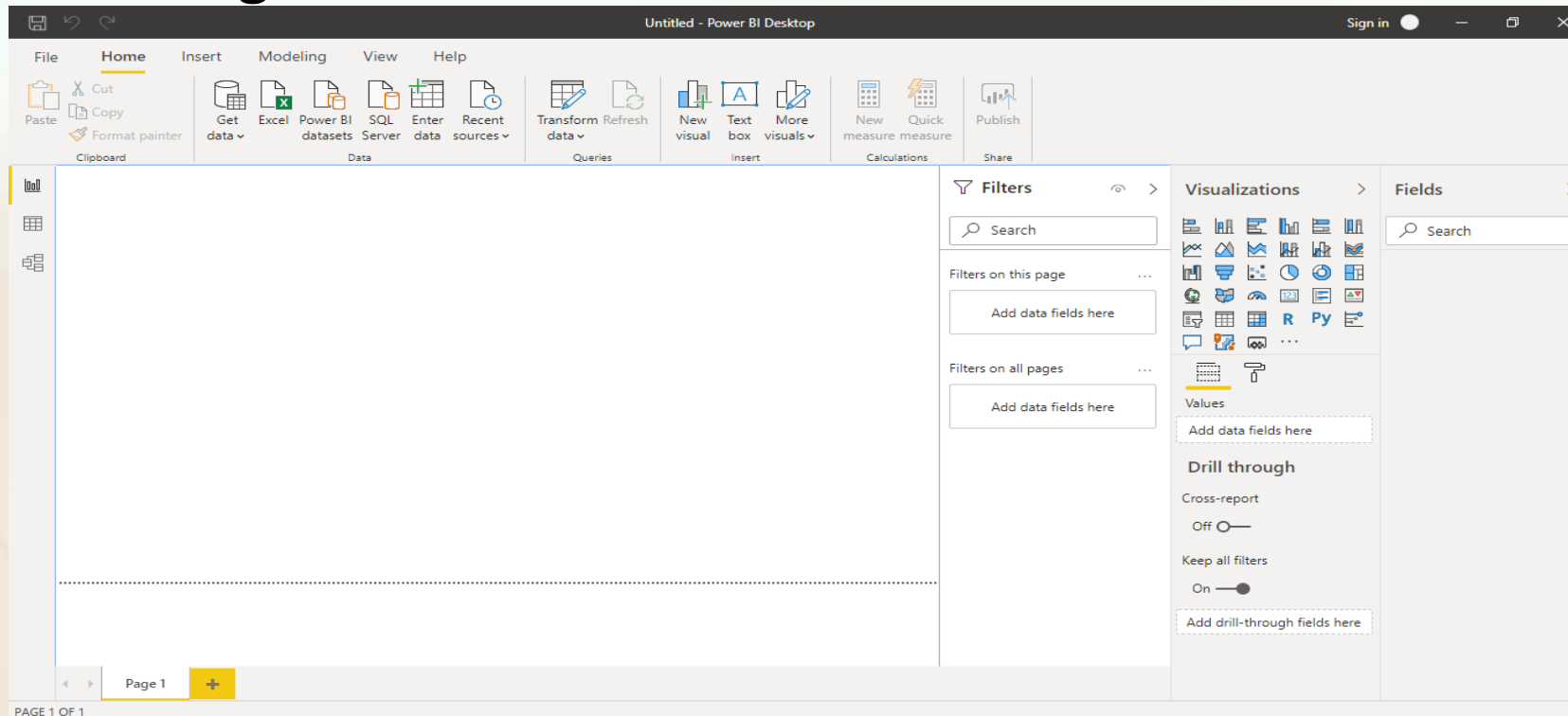
# Power BI Module

- Power BI have so many module but for basic and most useful modules are as listed below,
  - Report View
  - Data View
  - Model View
  - Power Query Editor
  - Advance Editor



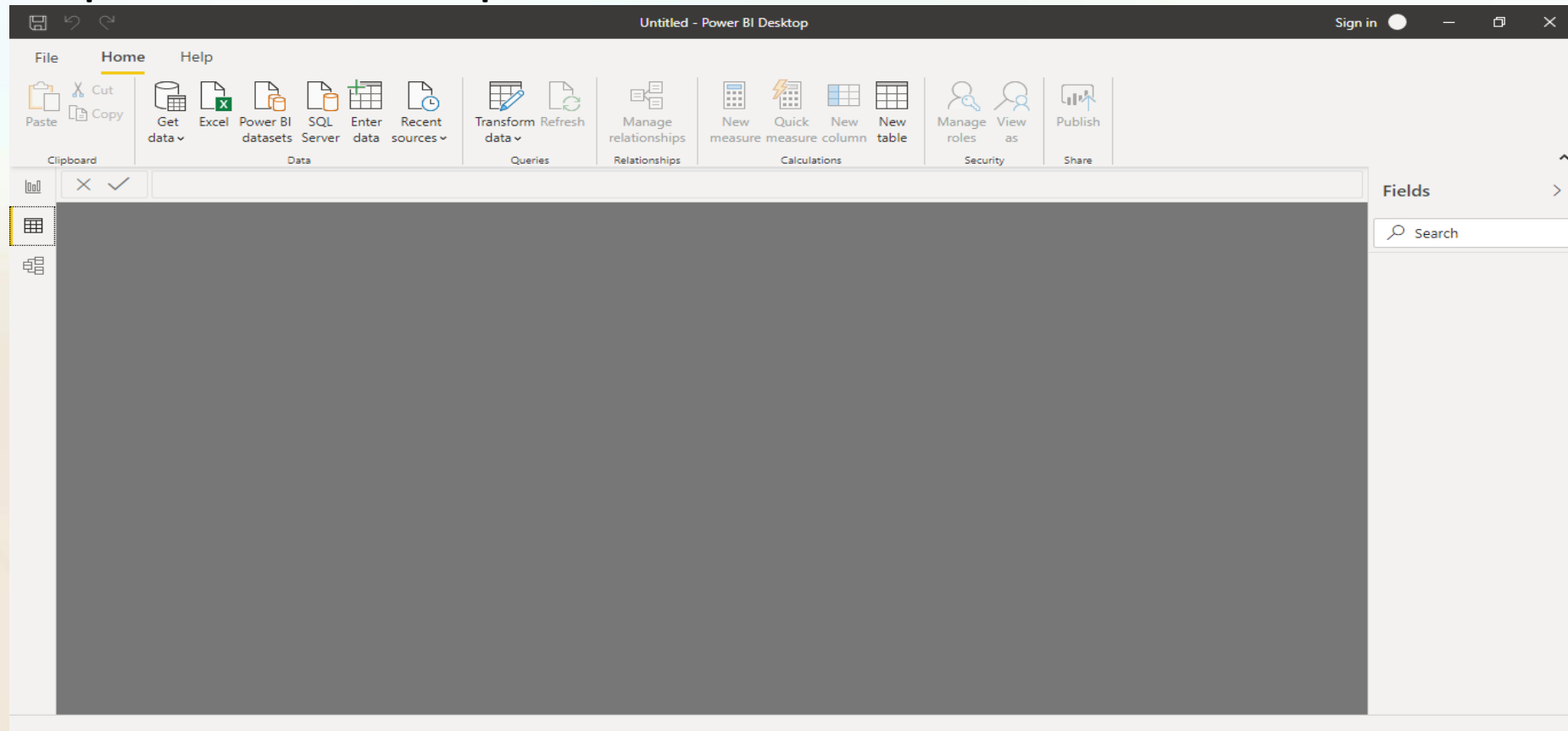
# Report View

- Report view is 1<sup>st</sup> view when Power BI open.
- It has functionality of adding different types of charts, Filters and modeling of data.



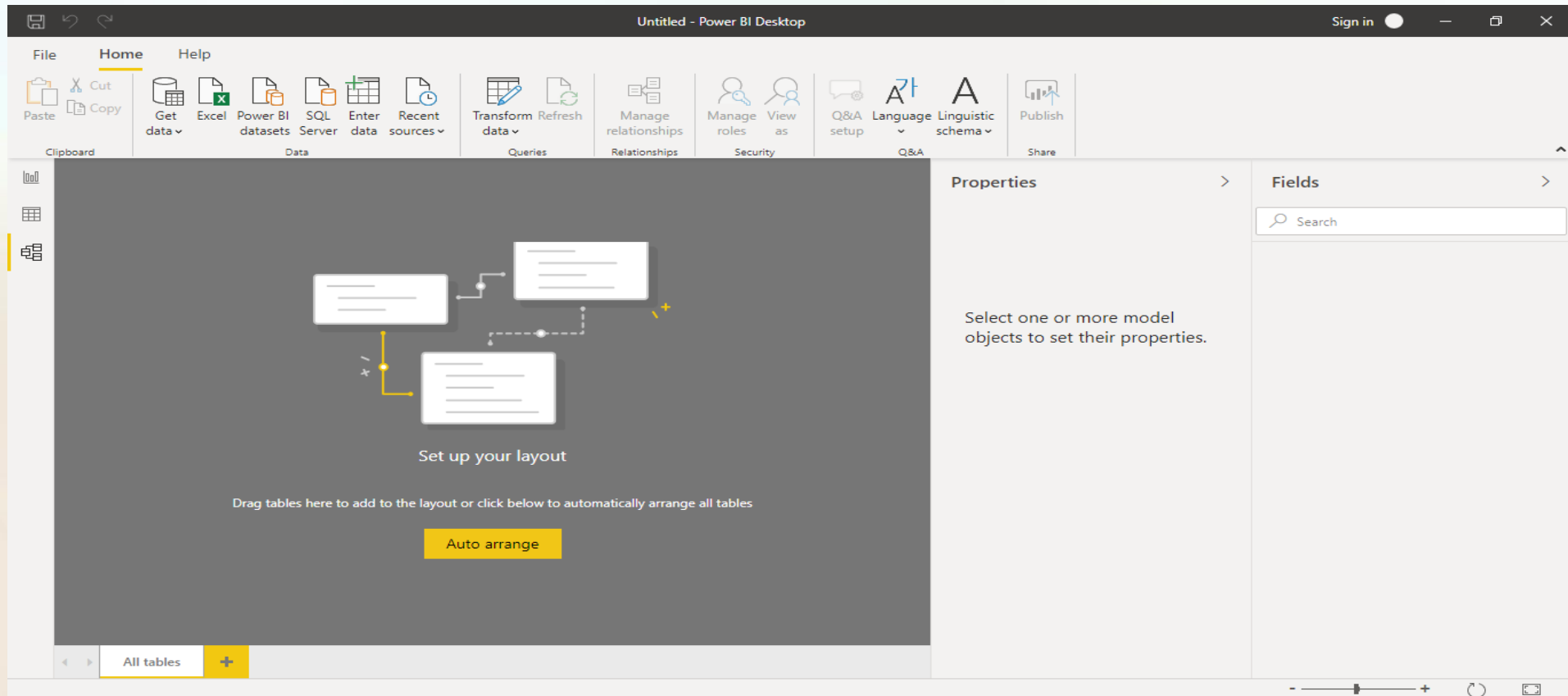
# Data View

- Data view is view where you can access your data which are imported with help of different sources.



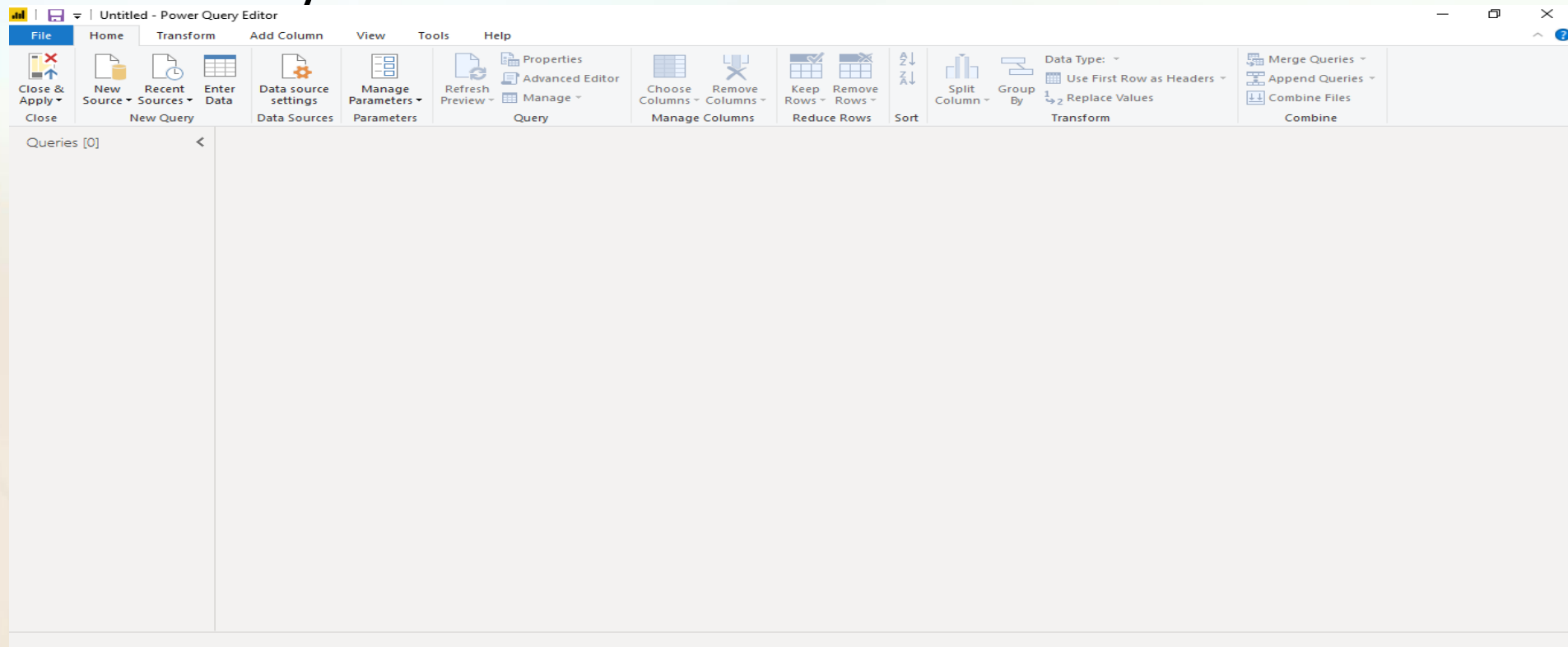
# Model View

- Model view is view where you can make a relation between to different table of data to utilize as unique value.



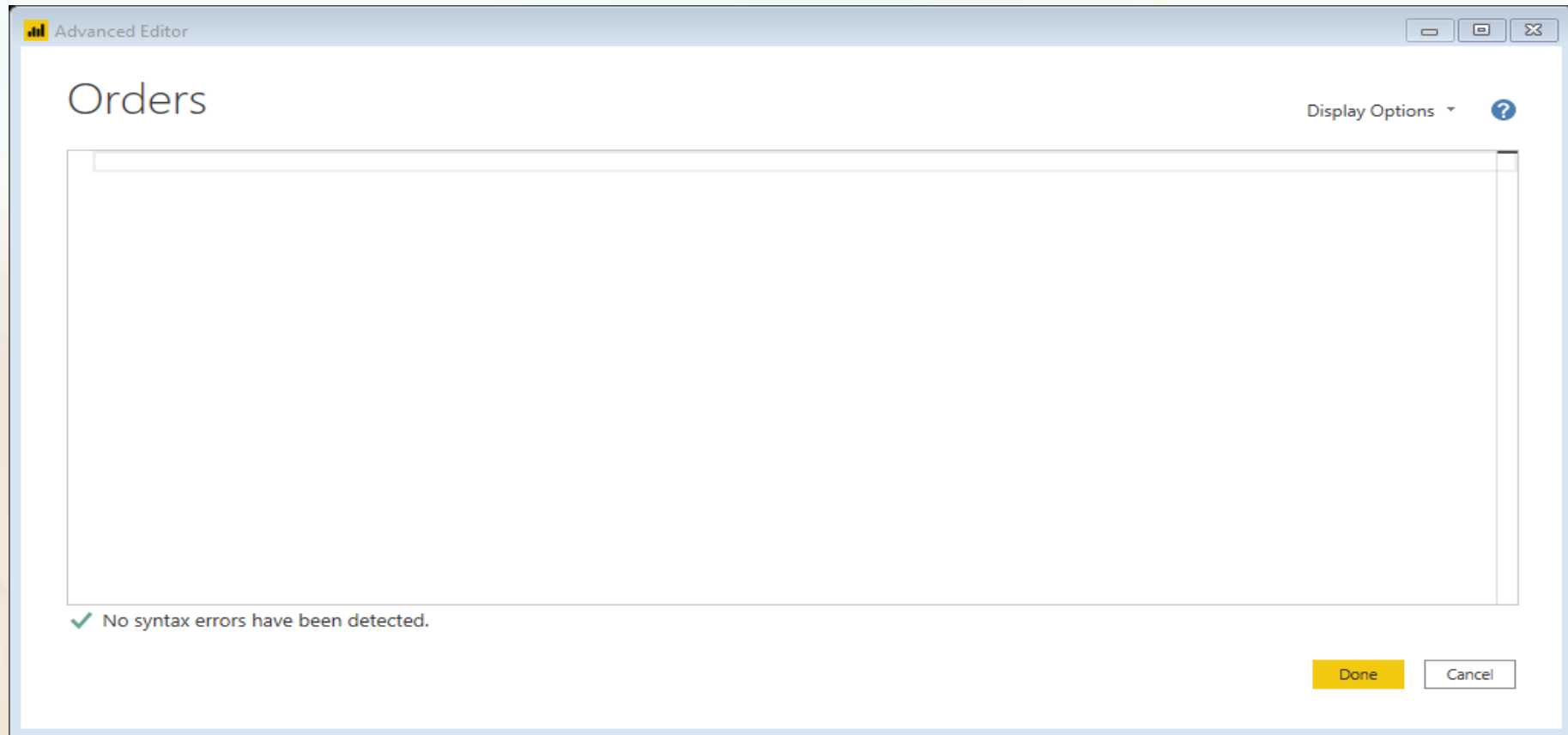
# Power Query Editor

- Power Query Editor is part of Power BI. With this editor we can play with data as per our requirements with help of inbuilt functionality.



# Advanced Editor

- Advanced Editor is area which can be use for coding to build different table, to check current table property.





Thank You.