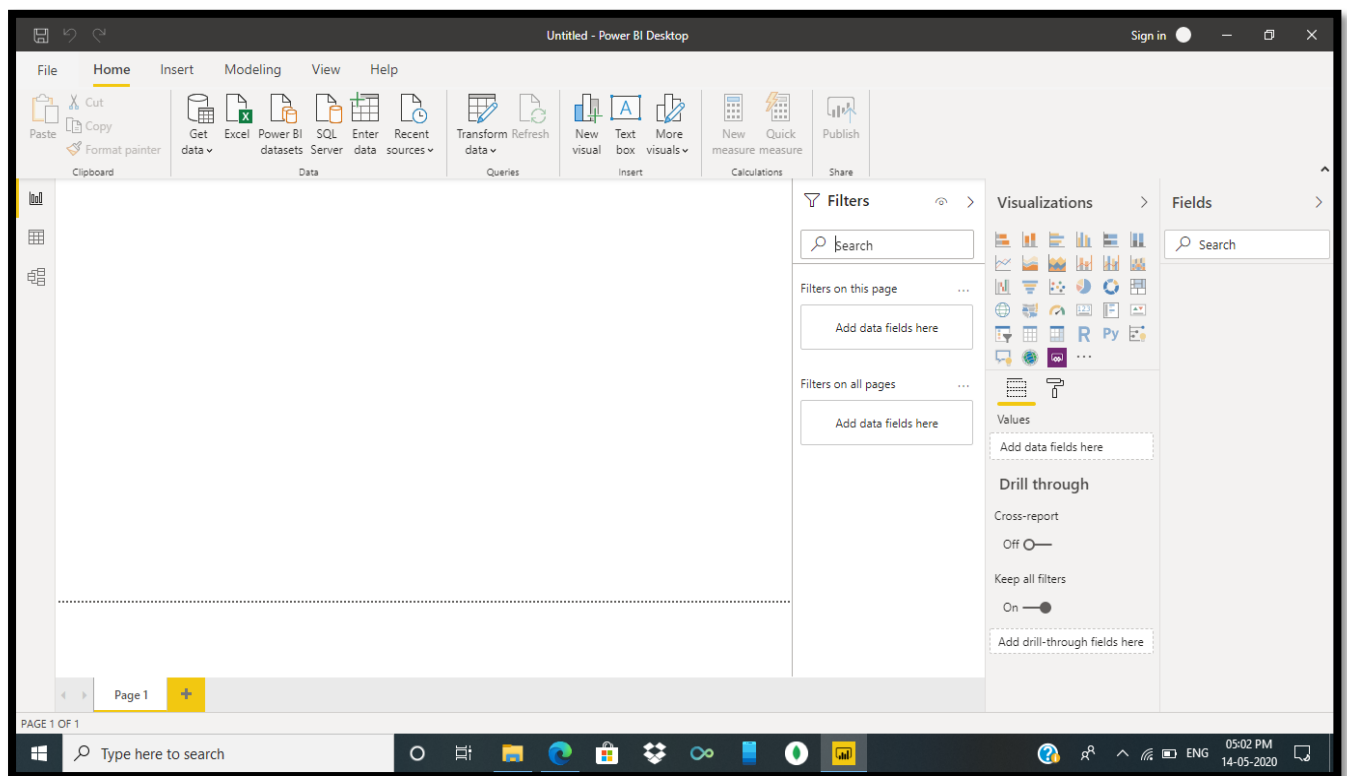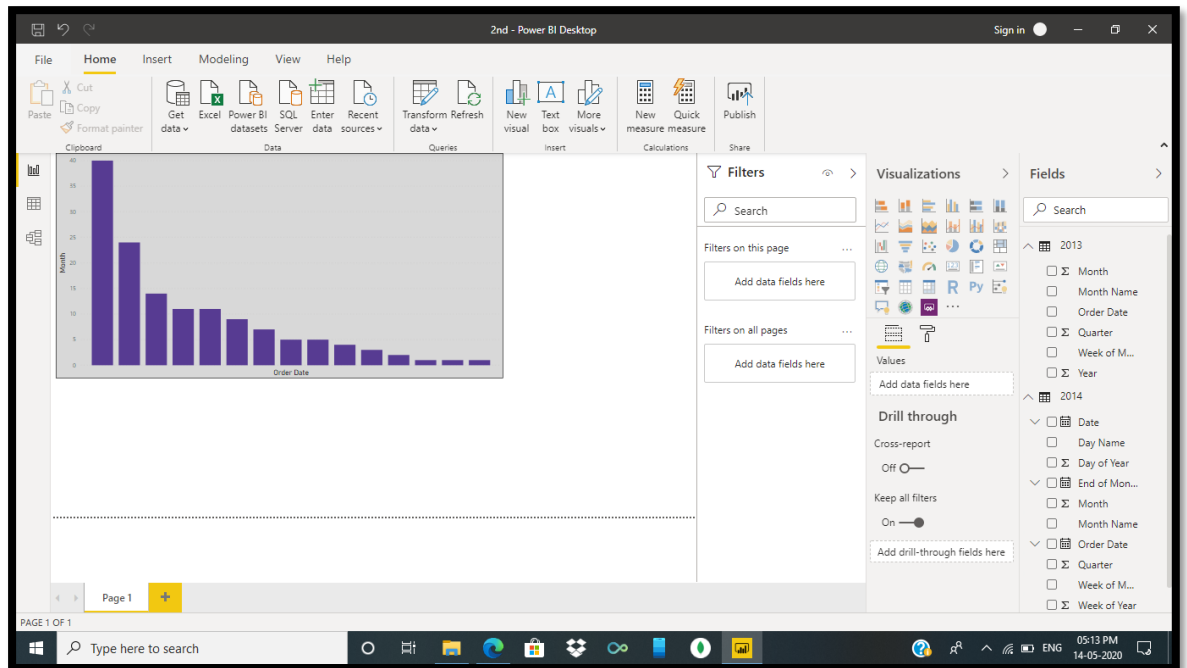# Assignment 1.) Power BI Installation

Final screenshot of the report view page which appears when power desktop start:-

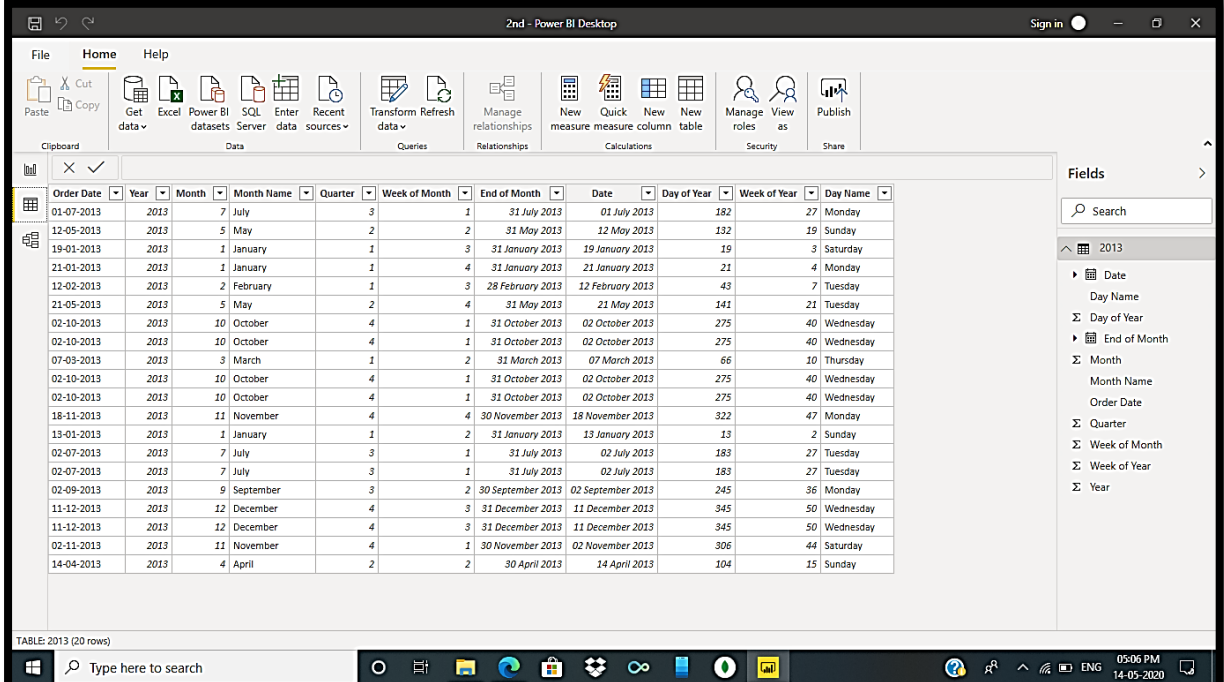# Document and with the following screenshot:-
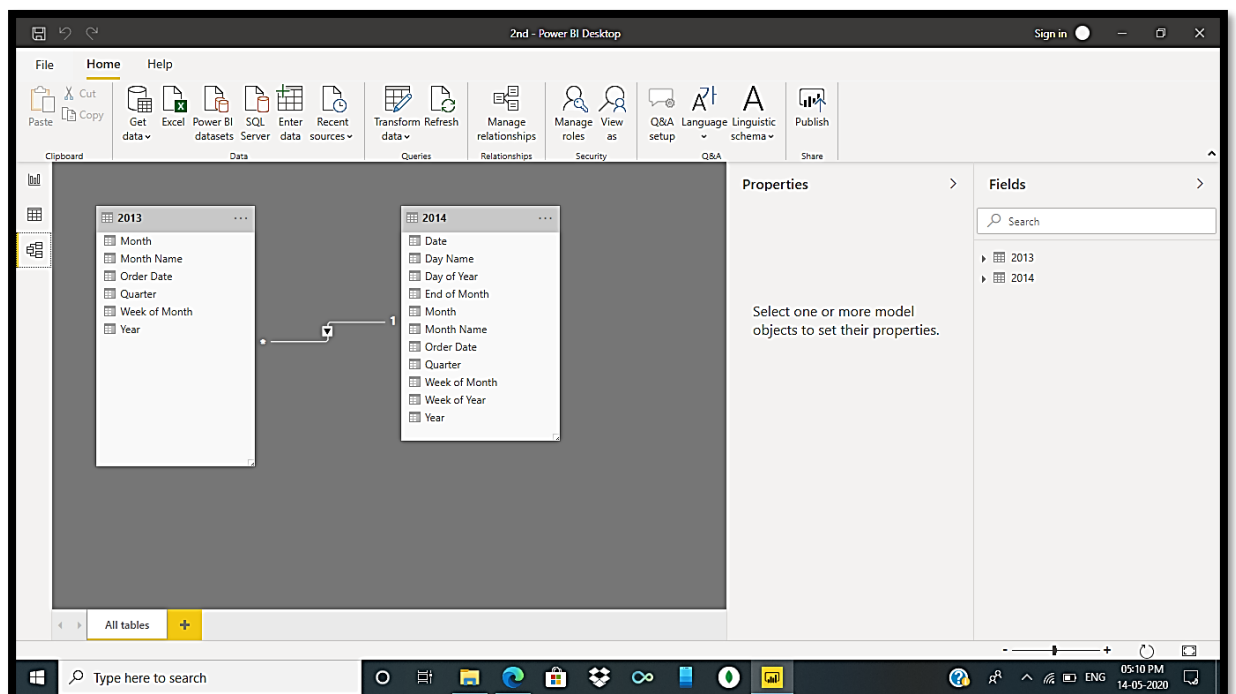
1.) Report View

2.) Data View :-

3.) Model View:-

4.) Power Query Editor:-

5.) Advance Editor:-

Document with details of the following along with their price :-

1.) Power BI Desktop :-

Power BI Desktop is a free application you install on your local computer that lets you connect to, transform, and visualize your data. With Power BI Desktop, you can connect to multiple different sources of data, and combine them into a data model. This data model lets you build visuals, and collections of visuals you can share as reports, with other people inside your organization. Most users who work on business intelligence projects use Power BI Desktop to create reports, and then use the Power BI service to share their reports with others. The most common uses for Power BI Desktop are as follows:

- 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

Price:- Power BI Desktop is free to any single user.

2.) Power BI Pro :-

Power BI Pro is an individual user license that lets users read and interact with reports and dashboards that others have published to the Power BI service. Users with this license type can share content and collaborate with other Power BI Pro users. Only Power BI Pro users can publish or share content with other users or consume content that's created by others.

Price :- Power BI Pro Cost the Pro plan costs **$9.99**/user/month. It includes data collaboration, data governance, building dashboards with a 360-degree real-time view and the ability to publish reports anywhere. Users can try it a free trial for 60 days before purchasing the subscription.

3.) Power BI Premuim :-

You can use Power BI Premium to get dedicated and enhanced resources for your organization, so users in your organization can use the Power BI service with better performance and responsiveness. For example, with a Power BI Premium subscription, you and your organization's users get access to:

- Greater scale and performance
- Flexibility to license by capacity
- Unify self-service and enterprise BI
- Extend on-premises BI with Power BI Report Server
- Support for data residency by region (Multi-Geo)
- Share data with anyone without purchasing a per-user license.

In Power BI Premium, we have:-

i.) Power BI Report Server is an *on-premises* report server with a web portal. You can build your BI environment on-premises and distribute reports behind your organization's firewall. Report Server gives users access to rich, interactive, and enterprise reporting capabilities of SQL Server Reporting Services.

ii.) Incremental refresh provides an integral part of having and maintaining large datasets in Power BI Premium. Incremental refresh has many benefits, for example, Refreshes are faster because only data that has changed needs to be refreshed. Refreshes are more reliable because it's unnecessary to maintain long-running connections to volatile data sources.

iii.)Paginated reports, supported on P1-P3 and A4_A6 SKUs, are based on Report Definition Language (RDL) technology in SQL Server Reporting Services. While based on RDL technology, it's not the same as Power BI Report Server, which is a downloadable reporting platform you can install on-premises, also included with Power BI Premium. Paginated reports are formatted to fit well on a page that can be printed or shared. Data is displayed in a table.

iv.)Unlimited content sharing with Premium, anyone, whether they're inside or outside your organization can view your Power BI content including paginated and interactive reports without purchasing individual licenses.

Price :- The **Premium** plan starts at $4,995 a month per dedicated cloud compute and storage resource.