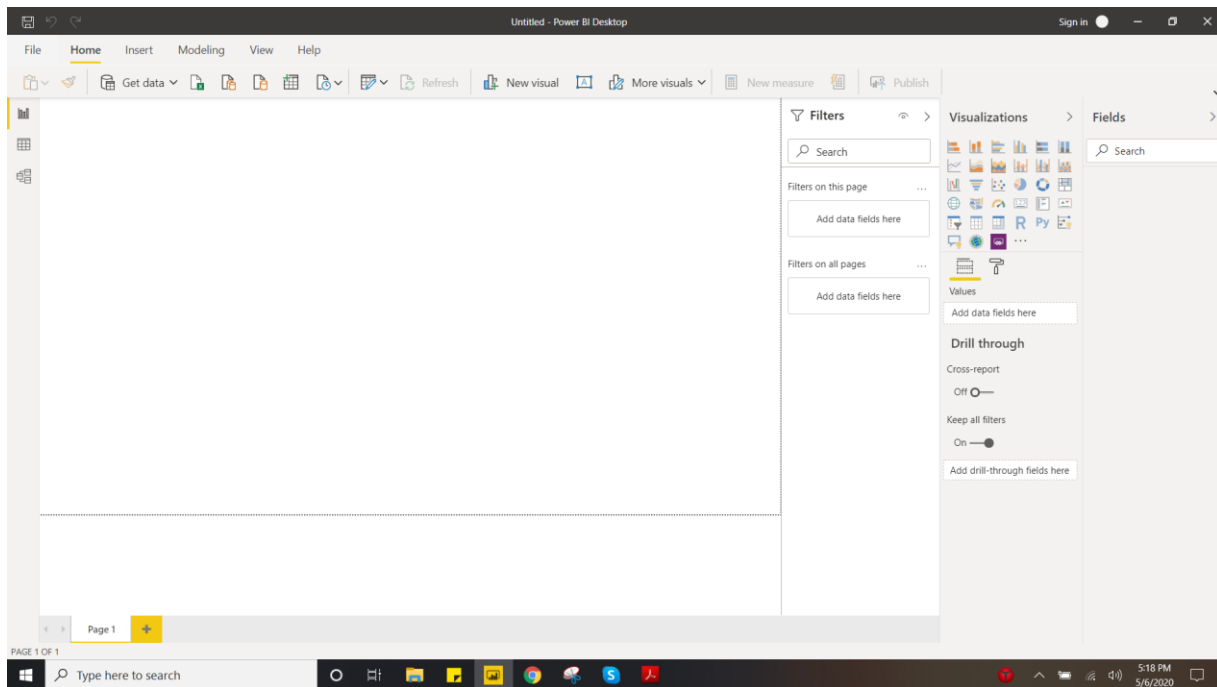
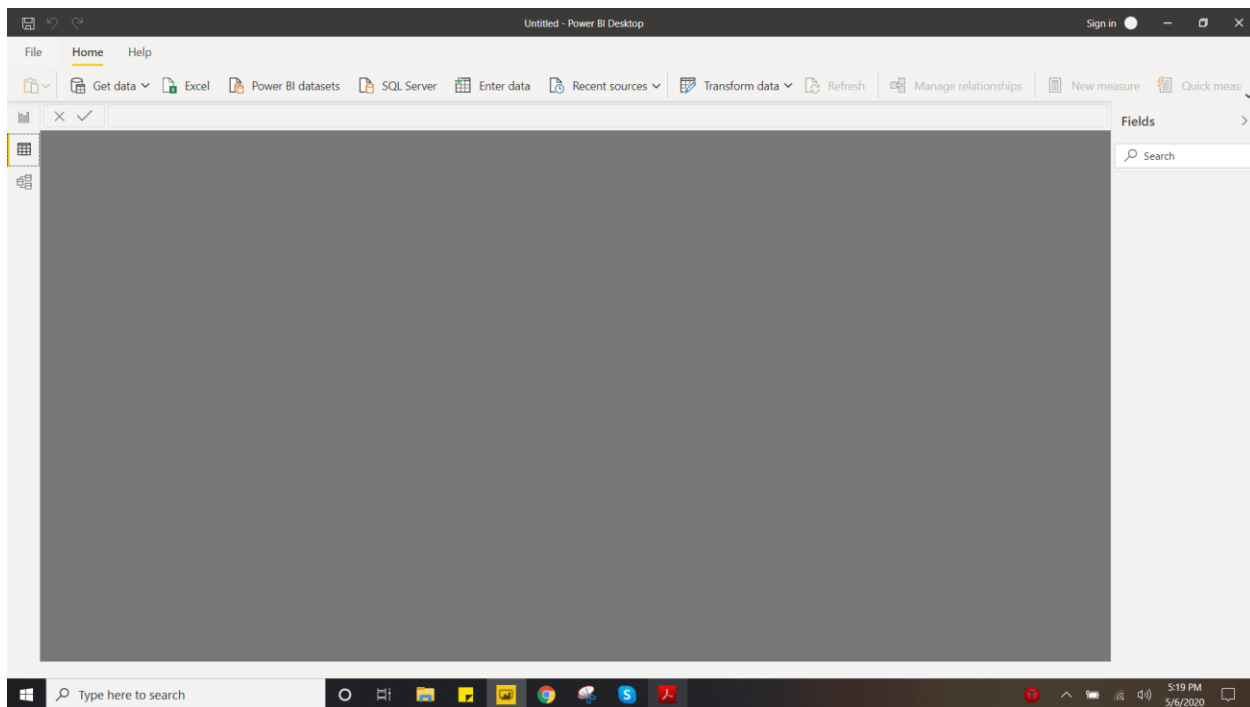


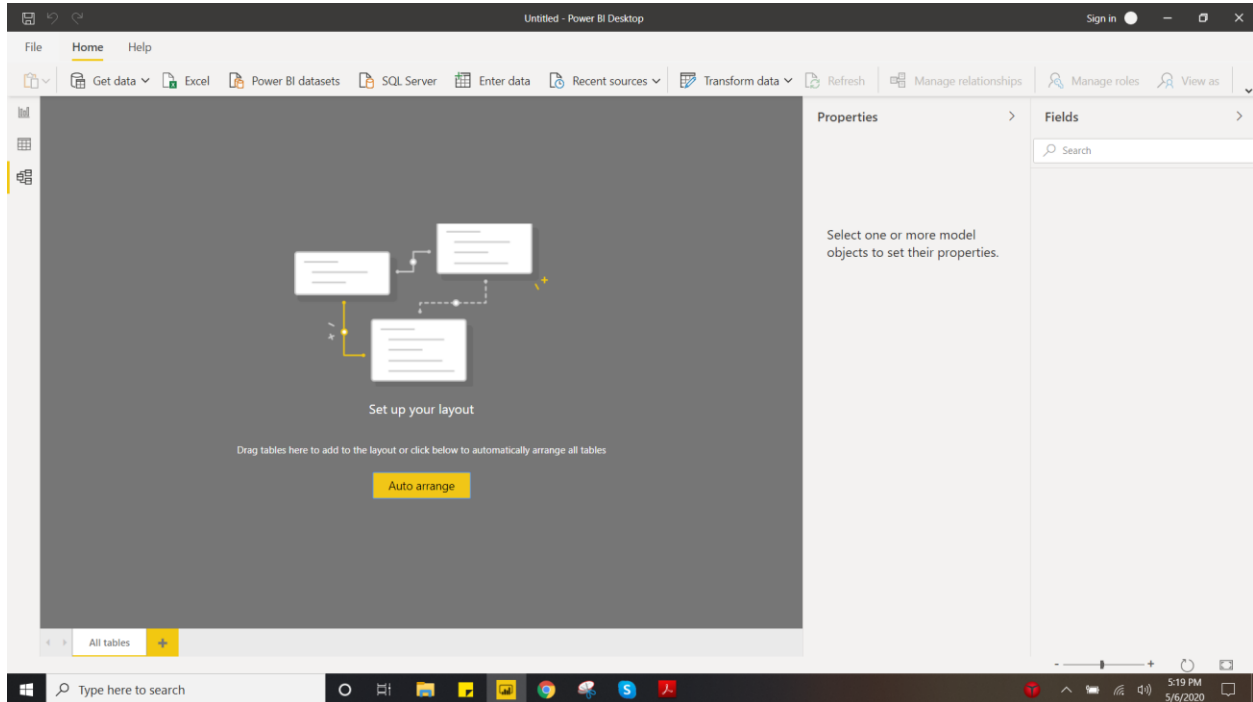
## Report View:



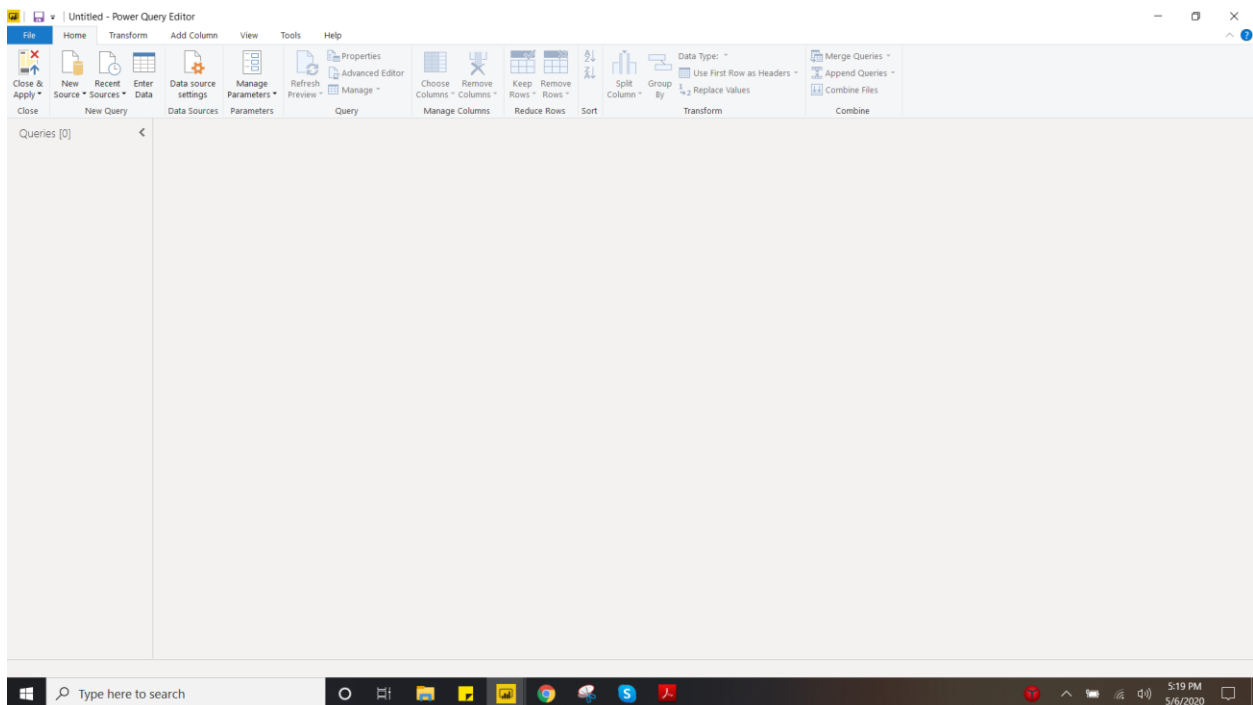
## Data View:



## Modal View:



## Power Query Editor:



# Advance Editor:

The screenshot displays the Power Query Editor interface. The 'Advanced Editor' window is open, showing the M code for a query named 'Customer Details'. The code defines a source from an Excel file, promotes headers, and changes the data type of the 'Customer Index' column to Int64.

```
let
    Source = Excel.Workbook(File.Contents("C:\Users\AKSHAY.NODI\Desktop\Power BI\Lecture-3-20200504T133448Z-001\Lecture-3\Data Set\NorthSea In"), "Customer Details_Sheet", [Item="Customer Details", Kind="Sheet"])[Data],
    #"Promoted Headers" = Table.PromoteHeaders(Source, [PromoteAllScalars=true]),
    #"Changed Type" = Table.TransformColumnTypes(#"Promoted Headers",{{"Customer Index", Int64.Type}, {"Customer Names", type text}})
in
    #"Changed Type"
```

Below the code, a status message indicates: "No syntax errors have been detected." Buttons for 'Done' and 'Cancel' are at the bottom right of the editor.

The background shows the main Power Query Editor window with a list of queries on the left (Customer Details, Region, Product Details, Sales Details, Date Table, Date, IMP Measures) and a preview of the data table at the bottom. The table has columns for Customer Index and Customer Names, with rows for Colleen Warren and Cassandra Franklin.

At the bottom of the screen, the Windows taskbar is visible, showing the search bar and various application icons. The system clock indicates 5:21 PM on 5/6/2020.

# **Power BI Desktop:**

## **What is Power BI Desktop?**

Power BI Desktop is basically the version of Power BI that you install on to your local system / computer to access the basic features of Power BI and act as a companion to the main, cloud-based application. It is the ideal version to start with no matter your skill level Power BI Free enables you to connect to 70+ data sources, analyses data, publish to the web, export to excel and much more.

## **Power BI Desktop price:**

Yes, this version of Power BI is free to download and use while giving you all the basic features of Power BI.

# **Power BI Desktop Pro:**

## **What is Power BI Pro?**

Power BI Pro is the full version of Power BI, which means it comes complete with the ability to use Power BI for both building dashboards, reports and unlimited viewing, sharing and consumption of your created reports (and reports shared by others) which is not possible with Power BI Desktop.

The biggest difference of Power BI Pro vs. Free is the fact that with Pro you have the option and the ability to share the data, reports, and dashboards with a large number of other users that also have a Power BI Pro license while also being able to create an app based workspace. Furthermore, in Power BI Pro vs. Free you have a 10 GB per Pro user data storage limit.

## **Who is Power BI Pro for?**

Primarily, Power BI Pro vs. Free is licensed by individual users. This means that for you to use Power BI Pro in your organizations means each individual will receive their won Power BI Pro license and the collaborative use of which will allow every member of the organization to integrate their workspace and therefore, their efforts. In other words, if your organization has 10 people that

need the full capabilities offered by Power BI Pro to create dashboards and reports, you require 10 licenses of Power BI Pro. If you have a much greater quantity of user, Power BI Premium would be a better idea considering the scale of operations as eventually, the cost will far exceed the benefits.

## **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.

## **Power BI Premium:**

### **What is Power BI Premium?**

The Power BI Premium license is not a per-user license like a Free or Pro License. Instead, Power BI Premium license provides a dedicated unit of capacity for all users in the organization. This dedicated capacity (aka Premium Workspace) can be used to host large datasets up to 50GB while offering a total storage of 100TB in the cloud.

It enables your organization to use your own dedicated capacity and hardware rather than relying on Microsoft's shared capacity. Although you will in fact need to determine said capacity accurately and ensure that it has the capabilities to handle your reporting and analysis needs. This allows for much larger scale and better performance if you size the capacity properly. Microsoft offers three sizes for Premium capacity and each come with a different number of v-cores and memory size.

### **Who is Power BI Premium for?**

Power BI Premium is for use in large organizations with a great number of users that need to collaborate in real time. The application is geared towards addressing the challenges of large enterprise deployments and workloads.

## **Power BI Premium Cost:**

The Premium plan starts at \$4,995 a month per dedicated cloud compute and storage resource. This does not include the cost of licensing for individual Pro and Free licenses required for each user in your organization.