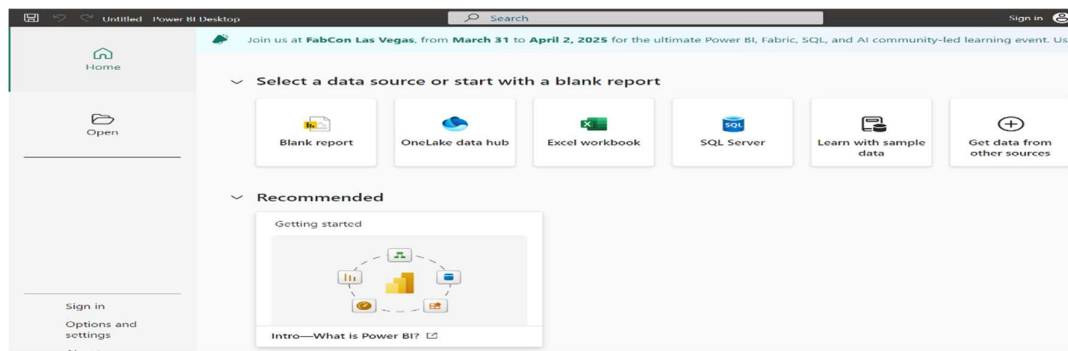


In Week 1, I focused on learning how to use the Power BI tool. During the sessions, I was introduced to the various options and features of Power BI, as well as the different views available. I learned how to:

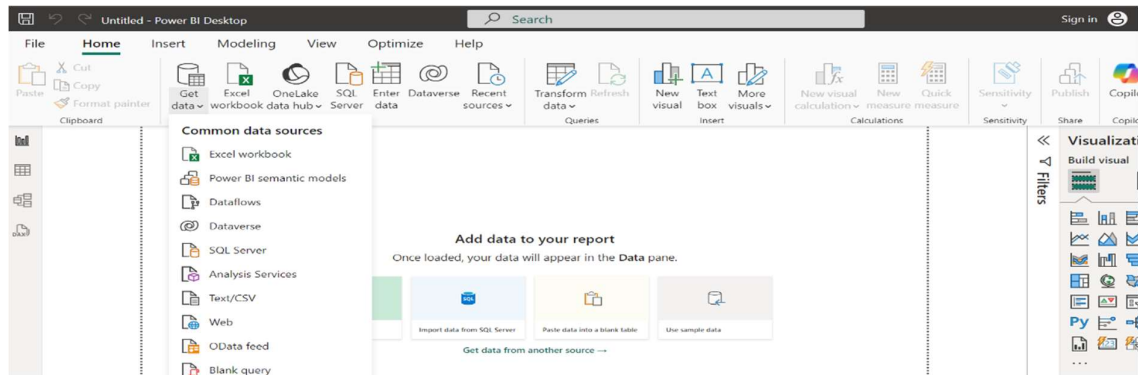
1. Load data into Power BI.
2. Transform data to suit analytical needs.
3. Delete unnecessary columns from datasets.
4. Identify and check for errors in the data.

Steps to perform these operations:

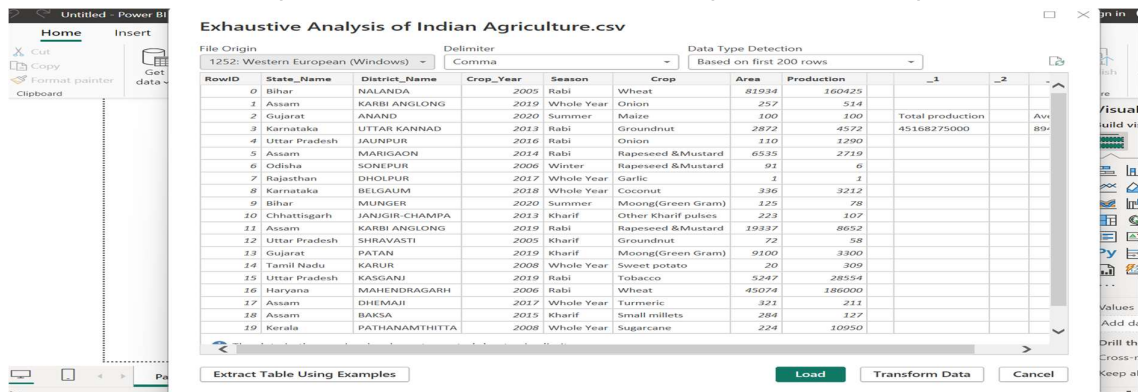
A) Open Power Bi desktop and click on the blank document.



B) Now click on get data option in nav bar and select test /csv.

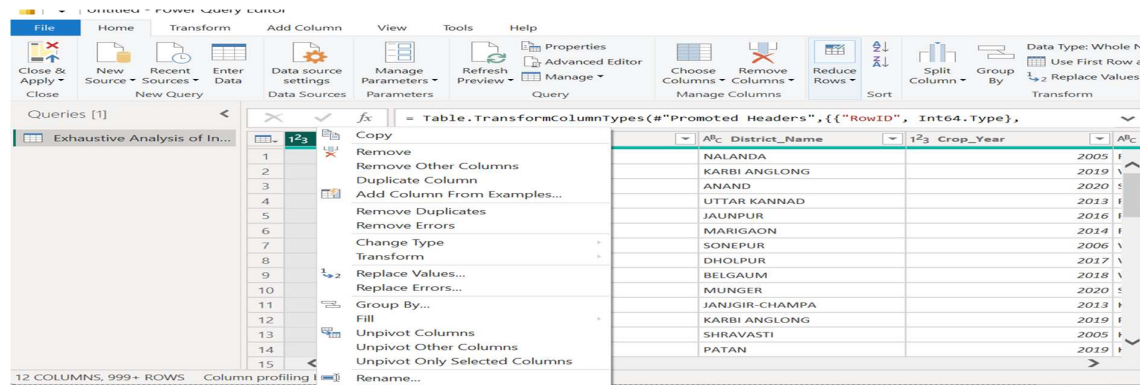


C) After clicking that the file folder will be opened, now select the csv file for analysis and select the load option to load the data set into the power bi desktop

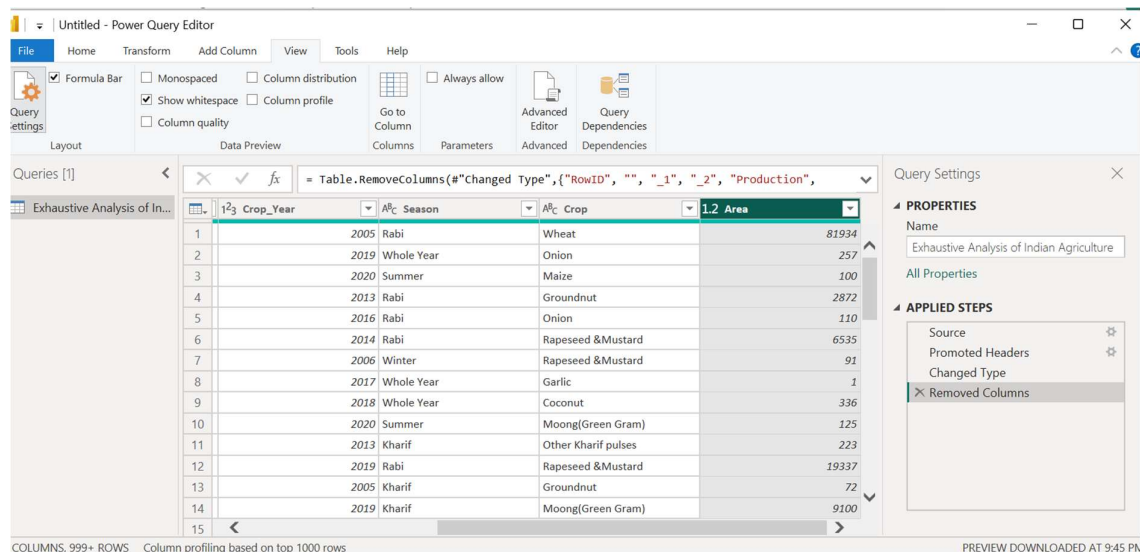


D)After loading click on the transform option on the data set to change the modifications to the data set.

E) After clicking on the transform option the dataset will be displayed, and now select the specific column to remove. After selecting right click and click on the remove option and the column is removed.



F)Now to know the any errors or empty data present click on the view option in nav bar and then check mark the column quality option .



Power Query Editor window showing a table with 5 columns: Crop_Year, Season, Crop, and Area. The table contains 12 rows of data. The 'Area' column shows values ranging from 1 to 81934. The 'Crop' column includes various crops like Wheat, Onion, Maize, Groundnut, Rapeseed & Mustard, Garlic, Coconut, Moong(Green Gram), and Other Kharif pulses. The 'Season' column includes Rabi, Whole Year, and Summer. The 'Crop_Year' column includes years from 2005 to 2020.

Query Settings:

- Name: Exhaustive Analysis of Indian Agriculture
- Applied Steps: Source, Promoted Headers, Changed Type, Removed Columns

Table Data:

Crop_Year	Season	Crop	Area
2005	Rabi	Wheat	81934
2019	Whole Year	Onion	257
2020	Summer	Maize	100
2013	Rabi	Groundnut	2872
2016	Rabi	Onion	110
2014	Rabi	Rapeseed & Mustard	6535
2006	Winter	Rapeseed & Mustard	91
2017	Whole Year	Garlic	1
2018	Whole Year	Coconut	336
2020	Summer	Moong(Green Gram)	125
2013	Kharif	Other Kharif pulses	223

Here error means all the elements in the dataset or of the respective data type. And empty means how many cells are empty.