POWER BI (WEEK-1)

BI TOOLS:

The main aim of the project is to create a dashboard on Indian agriculture.

Power BI is the product of Microsoft.

In power bi we handle the following operations. They are ETL:

ETL stands for E: Extract – pull the data from data source: excel, csv, text, database file

T: Transform – data processing, data cleaning

L: Load – for analysis

Analysis: keep facts, insights via dashboards.

Load: when the data is cleaned

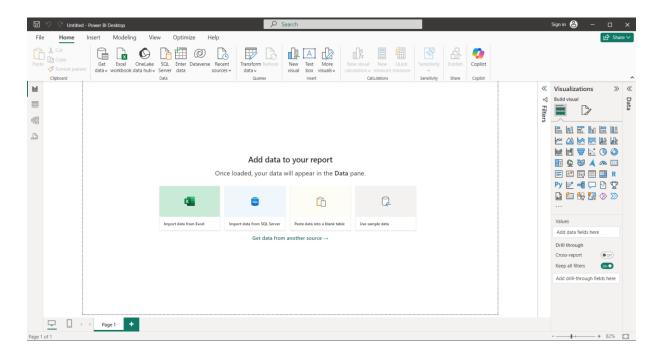
Transform: when you want to process the data.

There are 3 types of views. They are:

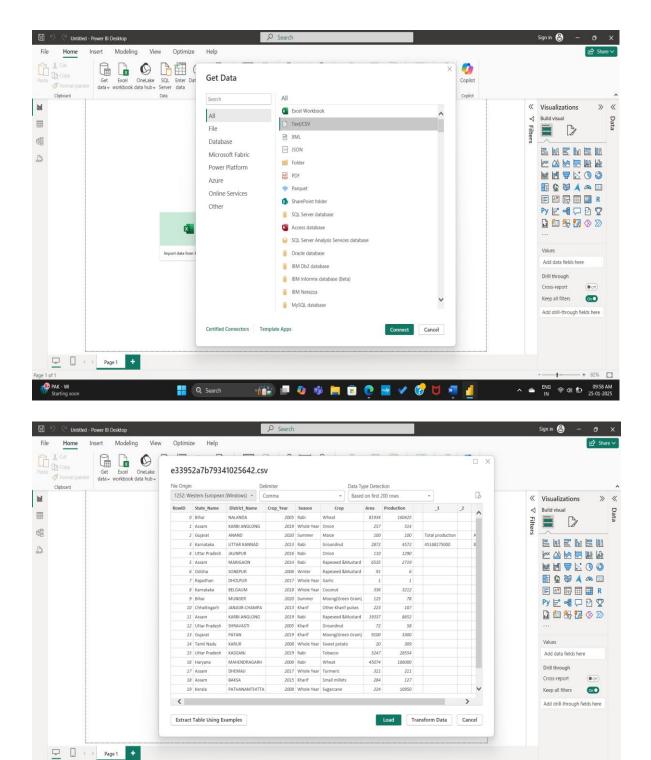
- 1. Report view for visualization
- 2. Table view see the data
- 3. Model view so that we can create relationship among data

Steps:

- 1. Download and install Power Bi desktop.
- 2. Click on the blank report, the center labelled items are called as canvas, on the right side we can find canvas, multiple chart filter options.



3. To load the data, click on the get data option from above and select which type of data source you want, I selected text/csv type data source.

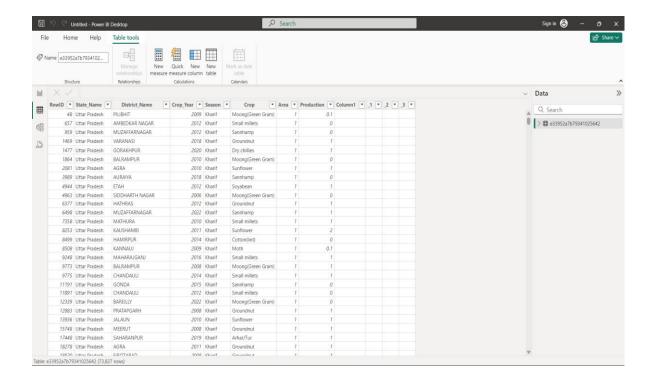


4. After selecting the text/csv data source, click on load button.

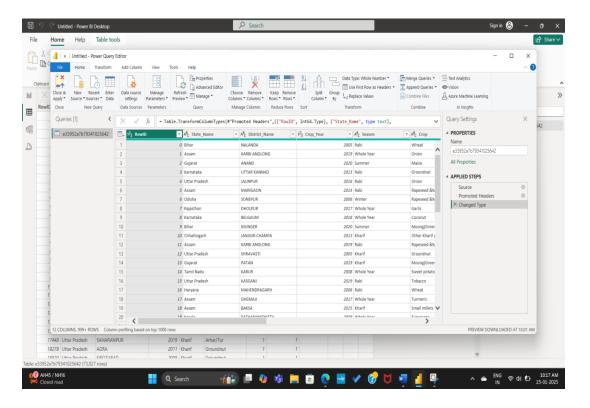
Q Search

5. After the data get loaded, click on the view option at the left side in the power bi desktop. There are 3 types of view, Click on the table view option, and it is displayed like this,

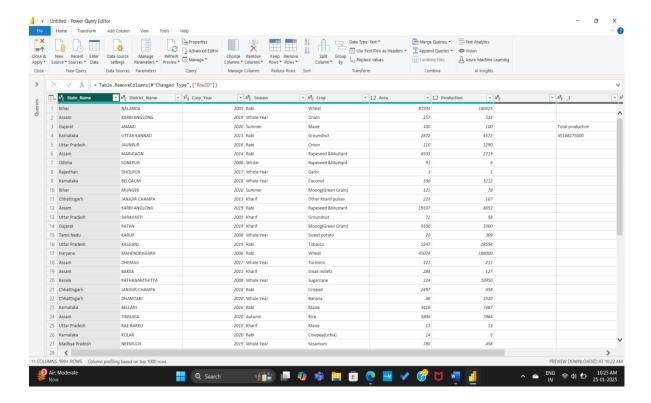
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6. Click on the transform data from the above, it appears like this



- 7. To remove the RowID select the row and right click on the row and select the remove option.
- 8. After removing the rowed it appears like this.



9. To check for the null values, click on the view menu and select column quality the a box appears under each row like this

