WEEK 1

Exhaustive Analysis of Indian Agriculture using Power BI

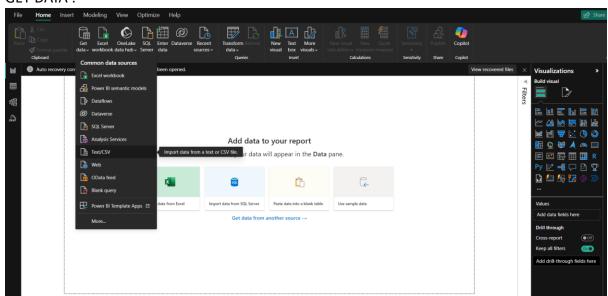
1. ETL Process:

Extract: The first stage in the ETL process is to extract data from various sources such as transactional systems, spreadsheets, and flat files. This step involves reading data from the source systems and storing it in a staging area.

Transform: In this stage, the extracted data is transformed into a format that is suitable for loading into the data warehouse. This may involve cleaning and validating the data, converting data types, combining data from multiple sources, and creating new data fields.

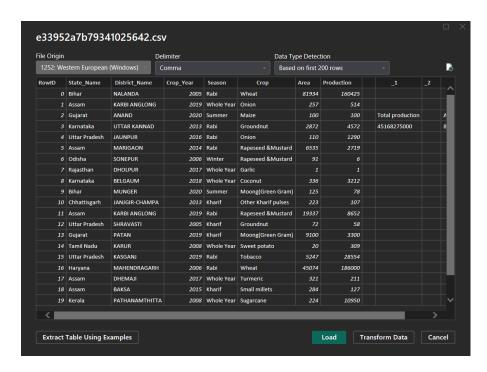
Load: After the data is transformed, it is loaded into the data warehouse. This step involves creating the physical data structures and loading the data into the warehouse.

2. GET DATA:



To extract data in Power BI, follow these steps:

- 1. **Open Power BI Desktop**: Launch the application.
- 2. **Click "Get Data"**: Select the **Get Data** option from the Home tab.
- 3. **Choose Data Source**: Pick a source like Excel, SQL Server, Web, or others.

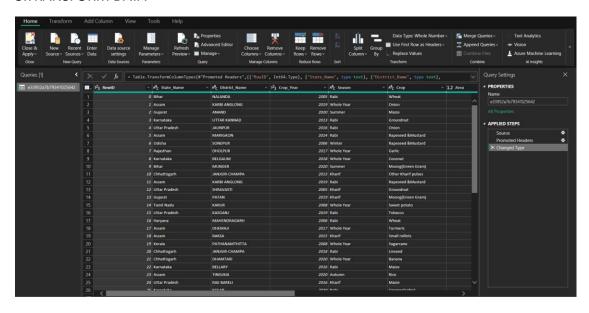


Report View: Used to create and design visualizations and reports.

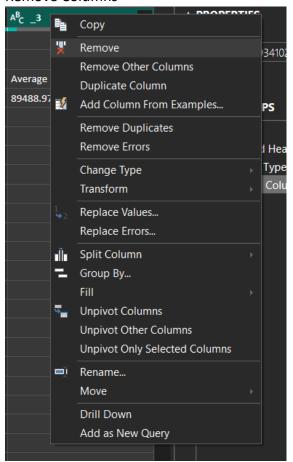
Table View: Displays raw data tables for review and editing.

Model View: Helps define relationships between tables and manage the data model.

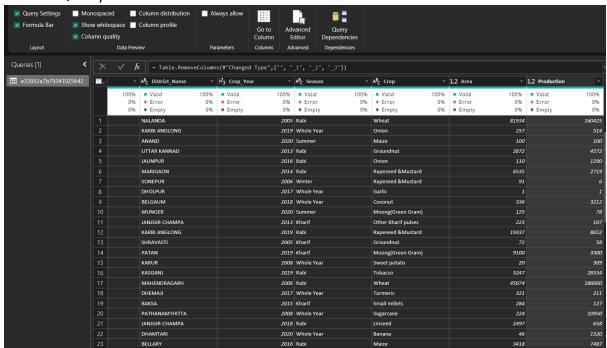
3.TRANSFORM DATA



• Remove Columns



Column Quality



4. Final Step - Close and Apply

