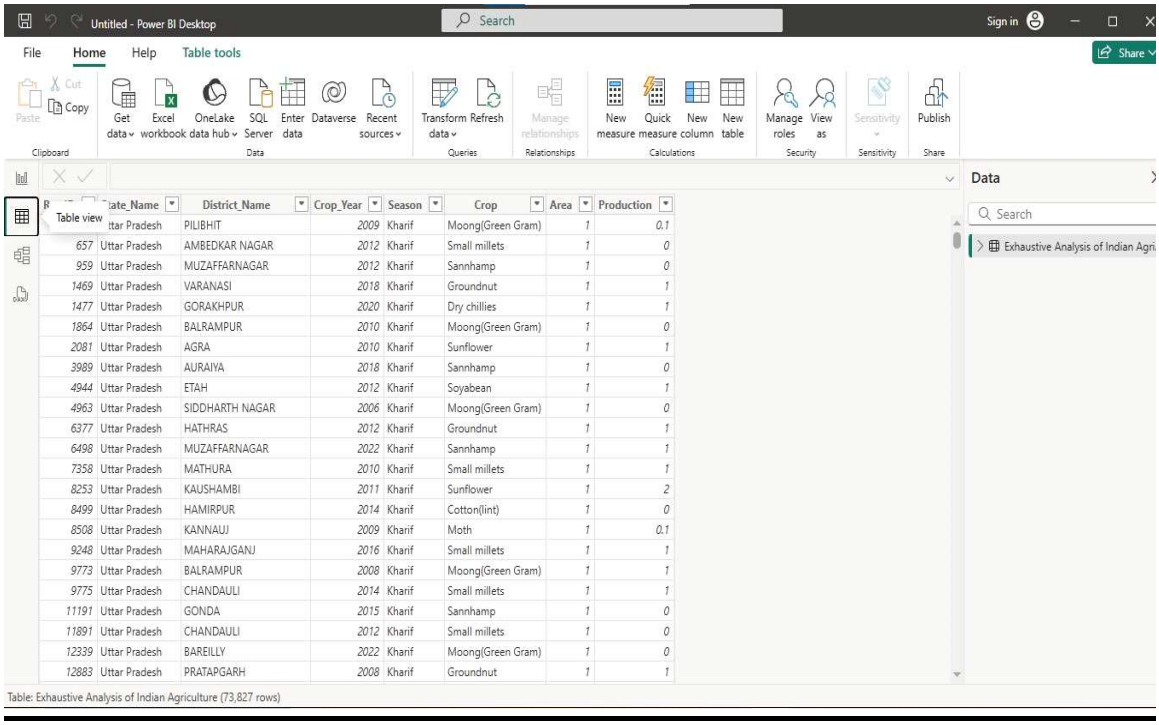
WEEK 1 Project



	tate_Name	District_Name	Crop_Year	Season	Crop	Area	Production
	ttar Pradesh	PILIBHIT	2009	Kharif	Moong(Green Gram)	1	0.1
657	Uttar Pradesh	AMBEDKAR NAGAR	2012	Kharif	Small millets	1	0
959	Uttar Pradesh	MUZAFFARNAGAR	2012	Kharif	Sannhamp	1	0
1469	Uttar Pradesh	VARANASI	2018	Kharif	Groundnut	1	1
1477	Uttar Pradesh	GORAKHPUR	2020	Kharif	Dry chillies	1	1
1864	Uttar Pradesh	BALRAMPUR	2010	Kharif	Moong(Green Gram)	1	0
2081	Uttar Pradesh	AGRA	2010	Kharif	Sunflower	1	1
3989	Uttar Pradesh	AURAIYA	2018	Kharif	Sannhamp	1	0
4944	Uttar Pradesh	ETAH	2012	Kharif	Soyabean	1	1
4963	Uttar Pradesh	SIDDHARTH NAGAR	2006	Kharif	Moong(Green Gram)	1	0
6377	Uttar Pradesh	HATHRAS	2012	Kharif	Groundnut	1	1
6498	Uttar Pradesh	MUZAFFARNAGAR	2022	Kharif	Sannhamp	1	1
7358	Uttar Pradesh	MATHURA	2010	Kharif	Small millets	1	1
8253	Uttar Pradesh	KAUSHAMBI	2011	Kharif	Sunflower	1	2
8499	Uttar Pradesh	HAMIRPUR	2014	Kharif	Cotton(lint)	1	0
8508	Uttar Pradesh	KANNAUJ	2009	Kharif	Moth	1	0.1
9248	Uttar Pradesh	MAHARAJGANJ	2016	Kharif	Small millets	1	1
9773	Uttar Pradesh	BALRAMPUR	2008	Kharif	Moong(Green Gram)	1	1
9775	Uttar Pradesh	CHANDAULI	2014	Kharif	Small millets	1	1
11191	Uttar Pradesh	GONDA	2015	Kharif	Sannhamp	1	0
11891	Uttar Pradesh	CHANDAULI	2012	Kharif	Small millets	1	0
12339	Uttar Pradesh	BAREILLY	2022	Kharif	Moong(Green Gram)	1	0
12883	Uttar Pradesh	PRATAPGARH	2008	Kharif	Groundnut	1	1

1.Open the Microsoft Power BI Desktop App

2.Click on Get Data to access the Exhaustive Analysis of Indian Agriculture csv file.

3.Now there are two options Load and Transform Data.Click on Load to Load the data of the file on to the canvas of Power BI.

4.Also in the Data section of the filters we can see

the Loaded file.

5.Now when we see at left, we can see the Report View(Visualization), Table View(To See the Data), Model View (Creating Relationships among data) and DAX Query View.

6.Click on Table View and we can see the Loaded file data in Table form.

7.Also we can click on Trasform Data Option in the Home itself, and it opens the Power Query editor.Now we can delete the not required colums by right clicking on the column Labels and then clicking on remove.

8.As we Remove the not required column the record of removing the column is stored in right side Applied Steps Section.And If we by mistake remove a column then we can retrieve it by just clicking on cross which is placed before the remove column in the Section.

9.And Hence By this process we cleaned the data.

10.Now in this editor itself if we click on view and then Column Quality a dropdown appears and it shows column wise Valid,Error,Empty Information in

percentage.

11.Also in the home section there is remove rows section , on clicking it we can remove dulplicates,blank rows and errors.

12.After performing all the activity , we get the clean data only once we click on top left button of Close and Apply.

13.I have attached the screenshot of the data which is cleaned by above mentioned step by step method.

In this project i learned the concept of ETL.

E- Extract or pull the data from the data source(csv,exel,text,etc.)

T- Transform(Data Processing, Data Cleaning)

L- Load(For Analysis)

THANKING YOU

Janhavi Jagtap

22/1/2025