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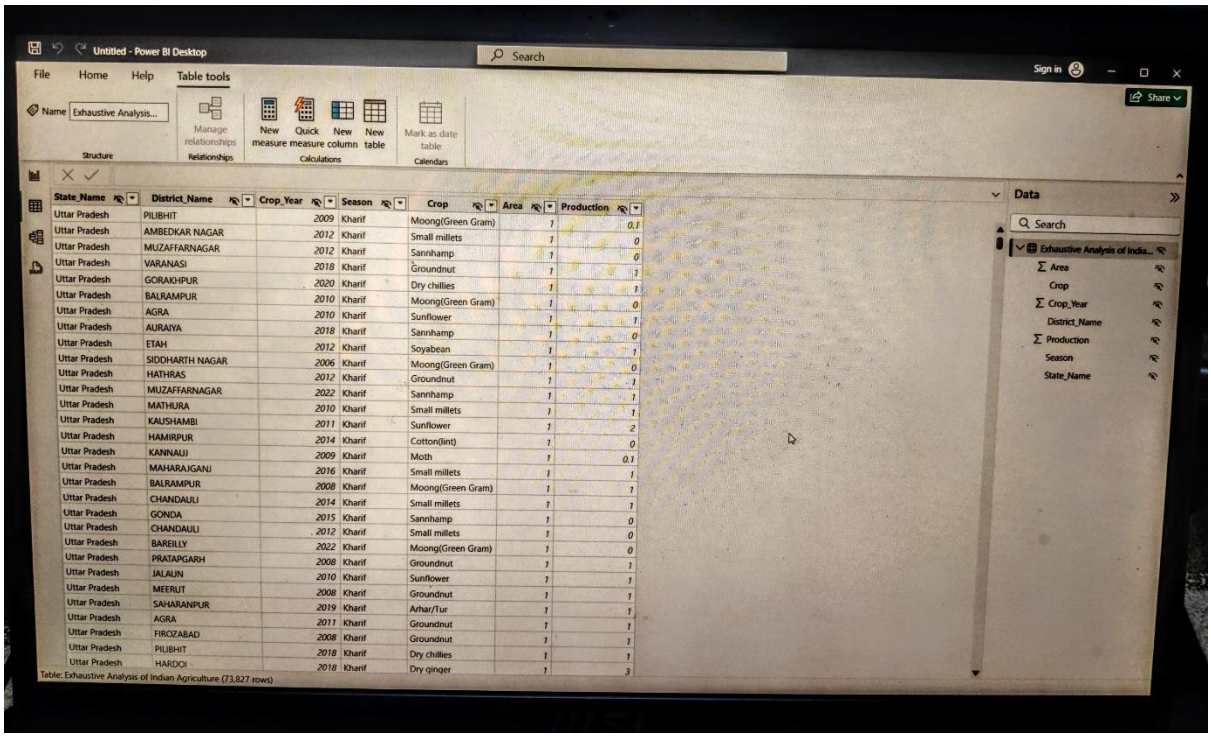

State_Name	District_Name	Crop_Year	Season	Crop	Area	Production
Uttar Pradesh	PILIBHIT	2009	Kharif	Moong(Green Gram)	1	0.1
Uttar Pradesh	AMBEDKAR NAGAR	2012	Kharif	Small millets	1	0
Uttar Pradesh	MUZAFFARNAGAR	2012	Kharif	Sannhamp	1	0
Uttar Pradesh	VARANASI	2018	Kharif	Groundnut	1	1
Uttar Pradesh	GORAKHPUR	2020	Kharif	Dry chillies	1	1
Uttar Pradesh	BALRAMPUR	2010	Kharif	Moong(Green Gram)	1	0
Uttar Pradesh	AGRA	2010	Kharif	Sunflower	1	1
Uttar Pradesh	AURAIYA	2018	Kharif	Sannhamp	1	0
Uttar Pradesh	ETAH	2012	Kharif	Soyabean	1	1
Uttar Pradesh	SIDDHARTH NAGAR	2006	Kharif	Moong(Green Gram)	1	0
Uttar Pradesh	HATHRAS	2012	Kharif	Groundnut	1	1
Uttar Pradesh	MUZAFFARNAGAR	2022	Kharif	Sannhamp	1	1
Uttar Pradesh	MATHURA	2010	Kharif	Small millets	1	1
Uttar Pradesh	KAUSHAMBI	2011	Kharif	Sunflower	1	2
Uttar Pradesh	HAMIRPUR	2014	Kharif	Cotton(lint)	1	0
Uttar Pradesh	KANNAUJ	2009	Kharif	Moth	1	0.1
Uttar Pradesh	MAHARAJGANJ	2016	Kharif	Small millets	1	1
Uttar Pradesh	BALRAMPUR	2008	Kharif	Moong(Green Gram)	1	1
Uttar Pradesh	CHANDAULI	2014	Kharif	Small millets	1	1
Uttar Pradesh	GONDA	2015	Kharif	Sannhamp	1	0
Uttar Pradesh	CHANDAULI	2012	Kharif	Small millets	1	0
Uttar Pradesh	BAREILLY	2022	Kharif	Moong(Green Gram)	1	0
Uttar Pradesh	PRATAPGARH	2008	Kharif	Groundnut	1	1
Uttar Pradesh	JALAUN	2010	Kharif	Sunflower	1	1
Uttar Pradesh	MEERUT	2008	Kharif	Groundnut	1	1
Uttar Pradesh	SAHARANPUR	2019	Kharif	Arhar/Tur	1	1
Uttar Pradesh	AGRA	2011	Kharif	Groundnut	1	1
Uttar Pradesh	FIROZABAD	2008	Kharif	Groundnut	1	1
Uttar Pradesh	PILIBHIT	2018	Kharif	Dry chillies	1	1
Uttar Pradesh	HARDOI	2018	Kharif	Dry ginger	1	3

- **<u>Understand basic tools of “POWER BI”</u>**

1) ETL:- Extract, Transform and Load.
2) ANALYSE:- Keep facts, insights via dashboard.
3) CSV:- Comma separated value.
4) LOAD:- When your data is cleaned.
5) TRANSFORM:- When you want to process data.

- **<u>Different views in “POWER BI”</u>**

1) REPORT VIEW:-All visualisation performed.
2) TABLE VIEW:-See the data you are dealing with.
3) MODEL VIEW:-For joining the multiple data or create relationship among data.

1. Download power BI via given link and install it.
2. Click on blank report.
3. You will get power BI desktop window.

Various steps for performing functions

Ans. Use given CSV file to extract data,

- Use **get data** option to open CSV file ,by clicking get data and choose **text/CSV**.
- Now, You will get the overview of your data, you are dealing with.
- We have three buttons also **Load, Transform and cancel.**
- **Click on load**, when your data is cleaned.
- **Click on Transform**, If you want to process the data.
- Then, **click on Load button**.
- **On right hand side**, you have your file and **left hand side** three buttons such as **Report view, Table view and Model view.**

For transforming given data

- On power BI desktop window, you can see Transform data button.
- If you want to transform your data, just click on Transform data button, you will get another window known as power query editor.
- You can perform all cleaning functions and transform all data using this window known as power query editor.
- We found some blank columns also.

Remove unwanted columns

- Click once on a row id, what you want to remove then click right button of mouse, you will get some options then click on remove option.
- Now, remove all unwanted columns by repeating the function or by selecting all columns and press delete button.

Checking data and null values

- Click on view tab and select column quality option and you can see small boxes below columns.
- In the end go to home tab and click on close & apply option.

Now, you will get the final out.