

WEEK-1 Assignment

Task Overview:

This week, I focused on modifying an agricultural dataset using Power BI. The primary objectives were to remove unnecessary columns and rows, rearrange the dataset, and eliminate duplicate rows to ensure data accuracy and relevance.

Steps Taken:

1. Loading the CSV File:

- Imported the agricultural dataset CSV file into Power BI.

2. Removing Unwanted Columns:

- Opened the Power Query Editor.
- Selected and removed columns that were not required for analysis.

3. Removing Unwanted Rows:

- Applied filters to remove rows with null values.
- Removed specific rows based on predefined conditions.

4. Rearranging Columns:

- Rearranged the columns by dragging and dropping the column headers to the desired order.

5. Removing Duplicate Rows:

- Selected relevant columns and removed duplicate rows to ensure data integrity.

6. Applying Changes:

- Saved the modifications and loaded the cleaned dataset back into Power BI for further analysis.

Conclusion:

The dataset was successfully modified to meet the requirements. The cleaned and organized data is now ready for analysis and visualization in Power BI.

State_Name ▾	District_Name ▾	Crop_Year ▾	Season ▾	Crop ▾	Area ▾	Production ▾
Bihar	NALANDA	2005	Rabi	Wheat	81934	160425
Assam	KARBI ANGLONG	2019	Whole Year	Onion	257	514
Gujarat	ANAND	2020	Summer	Maize	100	100
Karnataka	UTTAR KANNAD	2013	Rabi	Groundnut	2872	4572
Uttar Pradesh	JAUNPUR	2016	Rabi	Onion	110	1290
Assam	MARIGAON	2014	Rabi	Rapeseed &Mustard	6535	2719
Odisha	SONEPUR	2006	Winter	Rapeseed &Mustard	91	6
Rajasthan	DHOLPUR	2017	Whole Year	Garlic	1	1
Karnataka	BELGAUM	2018	Whole Year	Coconut	336	3212
Tamil Nadu	KARUR	2008	Whole Year	Sweet potato	20	309
Assam	BAKSA	2015	Kharif	Small millets	284	127
Odisha	NAYAGARH	2011	Whole Year	Dry chillies	510	430
Andhra Pradesh	KADAPA	2012	Kharif	Ragi	25	35
Chhattisgarh	SUKMA	2021	Kharif	Arhar/Tur	375	229
Karnataka	BIJAPUR	2010	Kharif	Other Kharif pulses	7620	2629
Uttar Pradesh	PILIBHIT	2009	Kharif	Moong(Green Gram)	1	0.1
Punjab	JALANDHAR	2007	Kharif	Moong(Green Gram)	100	100
Uttar Pradesh	SANT RAVIDAS NAGAR	2022	Summer	Moong(Green Gram)	27	18
Odisha	GANJAM	2023	Summer	Maize	29	75.9