

Exhaustive Analysis of Indian Agriculture Sector.

Assessment-1

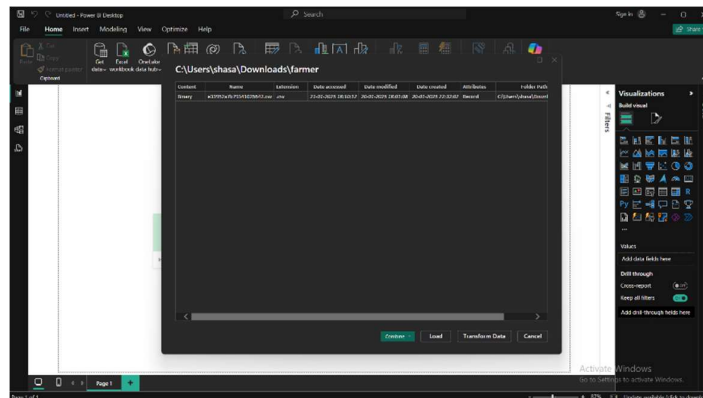
1) Extraction of Data:

Open blank report and extract csv file from folder by defining the path.

2) Transform of Data:

- Data cleaning and processing

Transforming the Data in power query editor and the following steps applied are represented in the right bottom section.



Steps Involved

- Removed the unwanted columns from the csv file i.e., column number 8, 9, 10, 11. -to remove empty columns.

- Changed the data Types of every column for: row id(Text → whole numbers), Crop year(Text → whole numbers), Area(Text → Decimal numbers), Production(Text → Decimal numbers).
- Checked for duplicates records, Blank rows, Errors in power Query editor and removed.

Row Id	State Name	District Name	Crop Year	Season	Crop	Area
1	Andhra Pradesh	Godavari	2018	Rabi	Wheat	
2	Andhra Pradesh	Godavari	2019	Whole Year	Onion	
3	Andhra Pradesh	Godavari	2020	Summer	Mango	
4	Karnataka	Uttara Kannada	2018	Rabi	Groundnut	
5	Uttar Pradesh	Jalgaon	2019	Rabi	Onion	
6	Andhra Pradesh	Godavari	2019	Rabi	Groundnut	
7	Andhra Pradesh	Godavari	2020	Summer	Groundnut	
8	Andhra Pradesh	Godavari	2017	Whole Year	Carrot	
9	Karnataka	Bellary	2018	Whole Year	Groundnut	
10	Andhra Pradesh	Godavari	2018	Summer	Groundnut	
11	Uttar Pradesh	Jalgaon	2019	Rabi	Groundnut	
12	Andhra Pradesh	Godavari	2019	Rabi	Groundnut	
13	Uttar Pradesh	Jalgaon	2019	Rabi	Groundnut	
14	Andhra Pradesh	Godavari	2019	Rabi	Groundnut	
15	Andhra Pradesh	Godavari	2018	Whole Year	Groundnut	
16	Uttar Pradesh	Jalgaon	2019	Rabi	Groundnut	
17	Andhra Pradesh	Godavari	2019	Rabi	Groundnut	
18	Andhra Pradesh	Godavari	2017	Whole Year	Groundnut	
19	Andhra Pradesh	Godavari	2018	Whole Year	Groundnut	
20	Andhra Pradesh	Godavari	2018	Whole Year	Groundnut	
21	Uttar Pradesh	Jalgaon	2019	Rabi	Groundnut	
22	Uttar Pradesh	Jalgaon	2019	Rabi	Groundnut	
23	Karnataka	Bellary	2018	Rabi	Mango	
24	Andhra Pradesh	Godavari	2019	Summer	Mango	
25	Uttar Pradesh	Jalgaon	2019	Rabi	Mango	
26	Karnataka	Bellary	2018	Rabi	Groundnut	
27	Uttar Pradesh	Jalgaon	2019	Whole Year	Groundnut	
28	Andhra Pradesh	Godavari	2018	Whole Year	Groundnut	

- Checked for Nulls and Replaced if found: Probably not found.
- Added '1' to every row in Row id to start count from 1.

3) Load of Data:

- Load the Data to make Visuals in Power BI Canvas.