

# Working With the Dataset

## Understanding The Dataset

**Team ID:** PNT2022TMID28405

**Project Name:** Estimate the Crop Yield Using Data Analytics

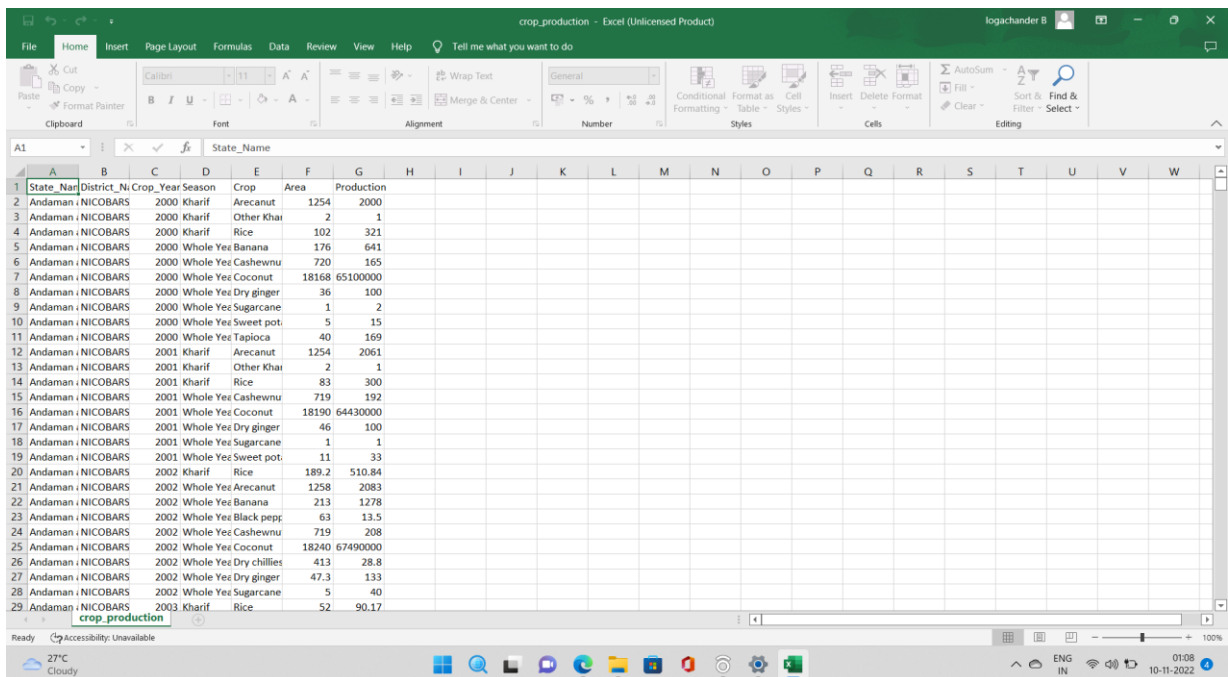
This project is based on an understanding the crop production of India. Download the dataset from the below link. It has 2,46,092 data points (rows) and 6 features (columns)describing each crop production related details.

**Dataset Link:** [Crop Production in India | Kaggle](#)

Let's understand the data we're working with and give a brief overview of what each feature represents or should represent

1. State Name - All the Indian State names.
2. District Name -Different District names.
3. Crop Year- contains the crop years.
4. Season – Different seasons for crop production.
5. Area- Total number of areas covered.
6. Production- production of crops.

**Dataset:**



State_Name	District_Name	Crop	Year	Season	Area	Production
Andaman ; NICOBARS	2000 Kharif	Arecanut	1254	2000		
Andaman ; NICOBARS	2000 Kharif	Other Kharif	2	1		
Andaman ; NICOBARS	2000 Kharif	Rice	102	321		
Andaman ; NICOBARS	2000 Whole Yez	Banana	176	641		
Andaman ; NICOBARS	2000 Whole Yez	Cashewnut	720	165		
Andaman ; NICOBARS	2000 Whole Yez	Coconut	18168	65100000		
Andaman ; NICOBARS	2000 Whole Yez	Dry ginger	36	100		
Andaman ; NICOBARS	2000 Whole Yez	Sugarcane	1	2		
Andaman ; NICOBARS	2000 Whole Yez	Sweet pot.	5	15		
Andaman ; NICOBARS	2000 Whole Yez	Tapioca	40	169		
Andaman ; NICOBARS	2001 Kharif	Arecanut	1254	2061		
Andaman ; NICOBARS	2001 Kharif	Other Kharif	2	1		
Andaman ; NICOBARS	2001 Kharif	Rice	83	300		
Andaman ; NICOBARS	2001 Whole Yez	Cashewnut	719	192		
Andaman ; NICOBARS	2001 Whole Yez	Coconut	18190	64430000		
Andaman ; NICOBARS	2001 Whole Yez	Dry ginger	46	100		
Andaman ; NICOBARS	2001 Whole Yez	Sugarcane	1	1		
Andaman ; NICOBARS	2001 Whole Yez	Sweet pot.	11	33		
Andaman ; NICOBARS	2002 Kharif	Rice	189.2	510.84		
Andaman ; NICOBARS	2002 Whole Yez	Arecanut	1258	2083		
Andaman ; NICOBARS	2002 Whole Yez	Banana	213	1278		
Andaman ; NICOBARS	2002 Whole Yez	Black pepp	63	13.5		
Andaman ; NICOBARS	2002 Whole Yez	Cashewnut	719	208		
Andaman ; NICOBARS	2002 Whole Yez	Coconut	18240	67490000		
Andaman ; NICOBARS	2002 Whole Yez	Dry chillies	413	28.8		
Andaman ; NICOBARS	2002 Whole Yez	Dry ginger	47.3	133		
Andaman ; NICOBARS	2002 Whole Yez	Sugarcane	5	40		
Andaman ; NICOBARS	2003 Kharif	Rice	52	90.17		