

# Working With the Dataset

## Understanding The Dataset

Team ID	PNT2022TMID22029
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:** [Dataset](#)

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	Crop	Area	Production
Andaman and Nicobar Islanc NICOBARS		2000	Kharif	Arecanut	1254	2000
Andaman and Nicobar Islanc NICOBARS		2000	Kharif	Other Kharif products	2	1
Andaman and Nicobar Islanc NICOBARS		2000	Kharif	Rice	102	321
Andaman and Nicobar Islanc NICOBARS		2000	Whole Year	Banana	176	641
Andaman and Nicobar Islanc NICOBARS		2000	Whole Year	Cashewnut	720	165
Andaman and Nicobar Islanc NICOBARS		2000	Whole Year	Coconut	18168	65100000
Andaman and Nicobar Islanc NICOBARS		2000	Whole Year	Dry ginger	36	100
Andaman and Nicobar Islanc NICOBARS		2000	Whole Year	Sugarcane	1	2
Andaman and Nicobar Islanc NICOBARS		2000	Whole Year	Sweet potato	5	15
Andaman and Nicobar Islanc NICOBARS		2000	Whole Year	Tapioca	40	169
Andaman and Nicobar Islanc NICOBARS		2001	Kharif	Arecanut	1254	2061
Andaman and Nicobar Islanc NICOBARS		2001	Kharif	Other Kharif products	2	1
Andaman and Nicobar Islanc NICOBARS		2001	Kharif	Rice	83	300
Andaman and Nicobar Islanc NICOBARS		2001	Whole Year	Cashewnut	719	192
Andaman and Nicobar Islanc NICOBARS		2001	Whole Year	Coconut	18190	64430000
Andaman and Nicobar Islanc NICOBARS		2001	Whole Year	Dry ginger	46	100
Andaman and Nicobar Islanc NICOBARS		2001	Whole Year	Sugarcane	1	1
Andaman and Nicobar Islanc NICOBARS		2001	Whole Year	Sweet potato	11	33
Andaman and Nicobar Islanc NICOBARS		2002	Kharif	Rice	189.2	510.84
Andaman and Nicobar Islanc NICOBARS		2002	Whole Year	Arecanut	1258	2083
Andaman and Nicobar Islanc NICOBARS		2002	Whole Year	Banana	213	1278
Andaman and Nicobar Islanc NICOBARS		2002	Whole Year	Black pepper	63	13.5
Andaman and Nicobar Islanc NICOBARS		2002	Whole Year	Cashewnut	719	208