

## Understanding The Dataset

|              |  |
|--------------|--|
| Date         | 24 October 2022                              |
| Team ID      | PNT2022TMID13447                             |
| Project Name | Estimate The Crop Yield Using Data Analytics |

This project is based on a 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.

Data Given in csv file is understood ,  
The data format is as shown in the below image:

# Crop Production in India

Data Code (15) Discussion (0)

76

New Notebook

Download

crop\_production.csv (15.32 MB)

Download View Full Screen

Detail Compact Column

7 of 7 columns

## About this file

A state-wise Indian crop production dataset

| State_Name                  | District_Name        | Crop_Year           | Season            | Crop                |
|-----------------------------|----------------------|---------------------|-------------------|---------------------|
| Name of the State           | Name of the District | The year            | Current season    | Type of crop        |
| Uttar Pradesh 14%           | 646 unique values    | 246091 total values | Kharif 39%        | Rice 6%             |
| Madhya Pradesh 9%           |                      |                     | Rabi 27%          | Maize 6%            |
| Other (189842) 77%          |                      |                     | Other (83153) 34% | Other (217040) 88%  |
| Andaman and Nicobar Islands | NICOBARS             | 2000                | Kharif            | Arecanut            |
| Andaman and Nicobar Islands | NICOBARS             | 2000                | Kharif            | Other Kharif pulses |
| Andaman and Nicobar Islands | NICOBARS             | 2000                | Kharif            | Rice                |
| Andaman and Nicobar Islands | NICOBARS             | 2000                | Whole Year        | Banana              |