Sprint - 1

Understanding The Dataset

Date	29 October 2022
Team ID	PNT2022TMID46126
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 shown in the Below image:
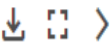
Crop Production in India

Data   Code (15)   Discussion (0)

▲ | 77   New Notebook   ⭳ Download (2 ME

Data Explore

crop_production.csv (15.32 MB)

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Version 1 (15.3

▥ crop_prod

Detail   Compact   Column

7 of 7 columns ⌄

About this file

A state-wise Indian crop production dataset

⊕ State_Name ☰	⊕ District_Name ☰	☐ Crop_Year ☰	⌲ Season ☰	⌲ C
Name of the State	Name of the District	The year	Current season	Type
Uttar Pradesh 14%			Kharif 39%	Rice
Madhya Pradesh 9%	**646** unique values	**246091** total values	Rabi 27%	Maiz
Other (189842) 77%			Other (83153) 34%	Othe
Andaman and Nicobar Islands	NICOBARS	2000	Kharif	Arec
Andaman and Nicobar Islands	NICOBARS	2000	Kharif	Othe