

## **WORKING WITH THE DATASET**

### **UNDERSTANDING THE DATASET**

<b>Team ID</b>	PNT2022TMID54027
<b>Project Name</b>	Estimate the crop yield using data analytics

## **Understanding The Dataset**

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.


## CROP PRODUCTION DATASET :

crop\_production - Excel


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
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
Format Painter


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



































Wrap Text





Merge & Center


General





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Conditional Formatting





Format as Table




Cell Styles

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State\_Name

	A	B	C	D	E	F	G	H	I
1	State_Name	District_Name	Crop_Year	Season	Crop	Area	Production		
2	Andaman and Nicobar Islands	NICOBARS	2000	Kharif	Arecanut	1254	2000		
3	Andaman and Nicobar Islands	NICOBARS	2000	Kharif	Other Kharif pulses	2	1		
4	Andaman and Nicobar Islands	NICOBARS	2000	Kharif	Rice	102	321		
5	Andaman and Nicobar Islands	NICOBARS	2000	Whole Year	Banana	176	641		
6	Andaman and Nicobar Islands	NICOBARS	2000	Whole Year	Cashewnut	720	165		
7	Andaman and Nicobar Islands	NICOBARS	2000	Whole Year	Coconut	18168	65100000		
8	Andaman and Nicobar Islands	NICOBARS	2000	Whole Year	Dry ginger	36	100		
9	Andaman and Nicobar Islands	NICOBARS	2000	Whole Year	Sugarcane	1	2		
10	Andaman and Nicobar Islands	NICOBARS	2000	Whole Year	Sweet potato	5	15		
11	Andaman and Nicobar Islands	NICOBARS	2000	Whole Year	Tapioca	40	169		
12	Andaman and Nicobar Islands	NICOBARS	2001	Kharif	Arecanut	1254	2061		
13	Andaman and Nicobar Islands	NICOBARS	2001	Kharif	Other Kharif pulses	2	1		
14	Andaman and Nicobar Islands	NICOBARS	2001	Kharif	Rice	83	300		
15	Andaman and Nicobar Islands	NICOBARS	2001	Whole Year	Cashewnut	719	192		
16	Andaman and Nicobar Islands	NICOBARS	2001	Whole Year	Coconut	18190	64430000		
17	Andaman and Nicobar Islands	NICOBARS	2001	Whole Year	Dry ginger	46	100		
18	Andaman and Nicobar Islands	NICOBARS	2001	Whole Year	Sugarcane	1	1		
19	Andaman and Nicobar Islands	NICOBARS	2001	Whole Year	Sweet potato	11	33		
20	Andaman and Nicobar Islands	NICOBARS	2002	Kharif	Rice	189.2	510.84		
21	Andaman and Nicobar Islands	NICOBARS	2002	Whole Year	Arecanut	1258	2083		
22	Andaman and Nicobar Islands	NICOBARS	2002	Whole Year	Banana	213	1278		
23	Andaman and Nicobar Islands	NICOBARS	2002	Whole Year	Black pepper	63	13.5		
24	Andaman and Nicobar Islands	NICOBARS	2002	Whole Year	Cashewnut	719	208		
25	Andaman and Nicobar Islands	NICOBARS	2002	Whole Year	Coconut	18240	67490000		
26	Andaman and Nicobar Islands	NICOBARS	2002	Whole Year	Dry chillies	413	28.8		
27	Andaman and Nicobar Islands	NICOBARS	2002	Whole Year	Dry ginger	47.3	133		
28	Andaman and Nicobar Islands	NICOBARS	2002	Whole Year	Sugarcane	5	40		
29	Andaman and Nicobar Islands	NICOBARS	2003	Kharif	Rice	52	90.17		