

## 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](#)

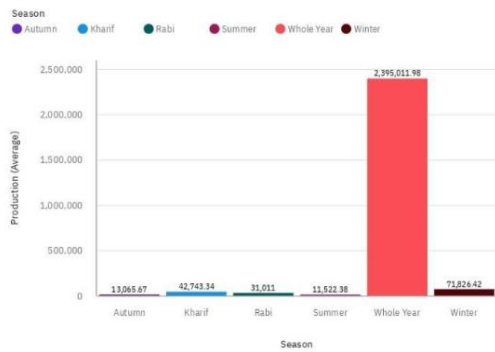
Let's understand the data we're working with and give a brief overview of what each feature represents or should represent

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.

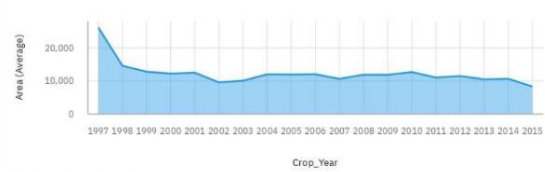
A1		State_Name									
	A	B	C	D	E	F	G	H	I	J	K
1	State_Na	District_N	Crop_Year	Season	Crop	Area	Production				
2	Andaman	NICOBARS	2000	Kharif	Arecanut	1254	2000				
3	Andaman	NICOBARS	2000	Kharif	Other Kha	2	1				
4	Andaman	NICOBARS	2000	Kharif	Rice	102	321				
5	Andaman	NICOBARS	2000	Whole Ye	Banana	176	641				
6	Andaman	NICOBARS	2000	Whole Ye	Cashewnu	720	165				
7	Andaman	NICOBARS	2000	Whole Ye	Coconut	18168	65100000				
8	Andaman	NICOBARS	2000	Whole Ye	Dry ginger	36	100				
9	Andaman	NICOBARS	2000	Whole Ye	Sugarcane	1	2				
10	Andaman	NICOBARS	2000	Whole Ye	Sweet pot	5	15				
11	Andaman	NICOBARS	2000	Whole Ye	Tapioca	40	169				
12	Andaman	NICOBARS	2001	Kharif	Arecanut	1254	2061				
13	Andaman	NICOBARS	2001	Kharif	Other Kha	2	1				
14	Andaman	NICOBARS	2001	Kharif	Rice	83	300				
15	Andaman	NICOBARS	2001	Whole Ye	Cashewnu	719	192				
16	Andaman	NICOBARS	2001	Whole Ye	Coconut	18190	64430000				
17	Andaman	NICOBARS	2001	Whole Ye	Dry ginger	46	100				
18	Andaman	NICOBARS	2001	Whole Ye	Sugarcane	1	1				
19	Andaman	NICOBARS	2001	Whole Ye	Sweet pot	11	33				
20	Andaman	NICOBARS	2002	Kharif	Rice	189.2	510.84				
21	Andaman	NICOBARS	2002	Whole Ye	Arecanut	1258	2083				
22	Andaman	NICOBARS	2002	Whole Ye	Banana	213	1278				
23	Andaman	NICOBARS	2002	Whole Ye	Black pep	63	13.5				
24	Andaman	NICOBARS	2002	Whole Ye	Cashewnu	719	208				
25	Andaman	NICOBARS	2002	Whole Ye	Coconut	18240	67490000				

crop\_production

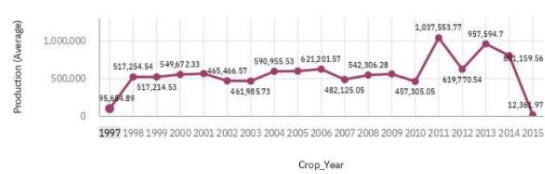
Production by Season colored by Season



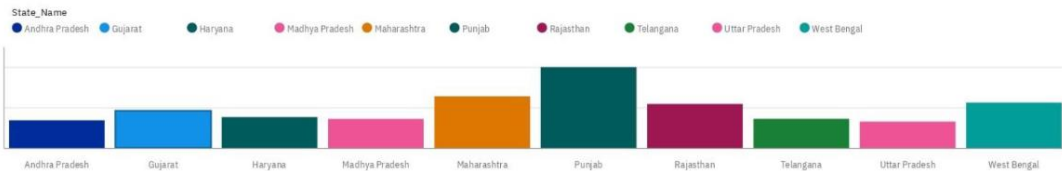
Area by Crop\_Year



Production by Crop\_Year



Area by State\_Name colored by State\_Name



State\_Name regions



State\_Name and Crop

Crop	State_Name
Gram	Nagaland
	Odisha
	Punjab
	Rajasthan
	Tamil Nadu
	Telangana
	Tripura
	Uttar Pradesh

Season and Crop

Crop	Season
Grapes	Whole Year
	Kharif