

## SPRINT – 2

### Data Visualization Chart

(States with Seasonal Crop Production using a Text representation)

Date	1 November 2022
Team ID	PNT2022TMID41618
Project Name	Estimate The Crop Yield Using Data Analytics

Using the Crop production in Indian dataset, create various graphs and charts to highlight the insights and visualizations.

- Build Visual analytics to represent the States with Seasonal Crop Production using a Text representation**

Crop and Production for State\_Name and Season

	Andaman and Nicobar Islands		Andhra Pradesh		Arunachal Pradesh		Assam		Bihar	
	Crop	Production	Crop	Production	Crop	Production	Crop	Production	Crop	Production
Autumn	2	25,248.95	(no value)	(no value)	(no value)	(no value)	2	8,230,196	2	2
Kharif	3	214,239.06	50	200,336,054	6	4,141,028.6	14	15,782,850	25	31,0
Rabi	13	11,598.92	44	98,156,193	4	157,883	18	8,404,649	16	10
Summer	(no value)	(no value)	(no value)	(no value)	(no value)	(no value)	2	17,171,024	3	1
Whole Year	12	717,972,153.06	40	17,026,098,049	7	2,525,001	18	1,996,667,293	13	12
Winter	(no value)	(no value)	(no value)	(no value)	(no value)	(no value)	2	65,495,747	1	6
Summary	20	718,223,239.99	69	17,324,590,296	16	6,823,912.6	39	2,111,751,759	42	366,4

Crop and Production for State\_Name and Season

	Uttar Pradesh		Uttarakhand		West Bengal		Summary	
	Production	Crop	Production	Crop	Production	Crop	Crop	Production
Autumn	(no value)	(no value)	(no value)	(no value)	(no value)	(no value)	9	12,022,903
Kharif	12	11,036,883	28	1,721,677,764.2	24	21,074,505	23	152,126,828
Rabi	9	84,058	20	647,943,580.5	20	14,308,338	24	136,230,260
Summer	(no value)	(no value)	Uttarakhand   Rabi		7	525,505	6	82,170,893
Whole Year	5	1,401,976	Crop (Count distinct): 20		13	96,269,007	23	831,812,840.7
Winter	(no value)	(no value)	(no value)	(no value)	(no value)	(no value)	3	183,540,665
Summary	22	12,522,917	42	#####	39	132,177,355	44	#####