

Data Visualization Charts

Team ID	PNT2022TMID20403
Project Name	Project – Estimate the crop yield using Data Analytics

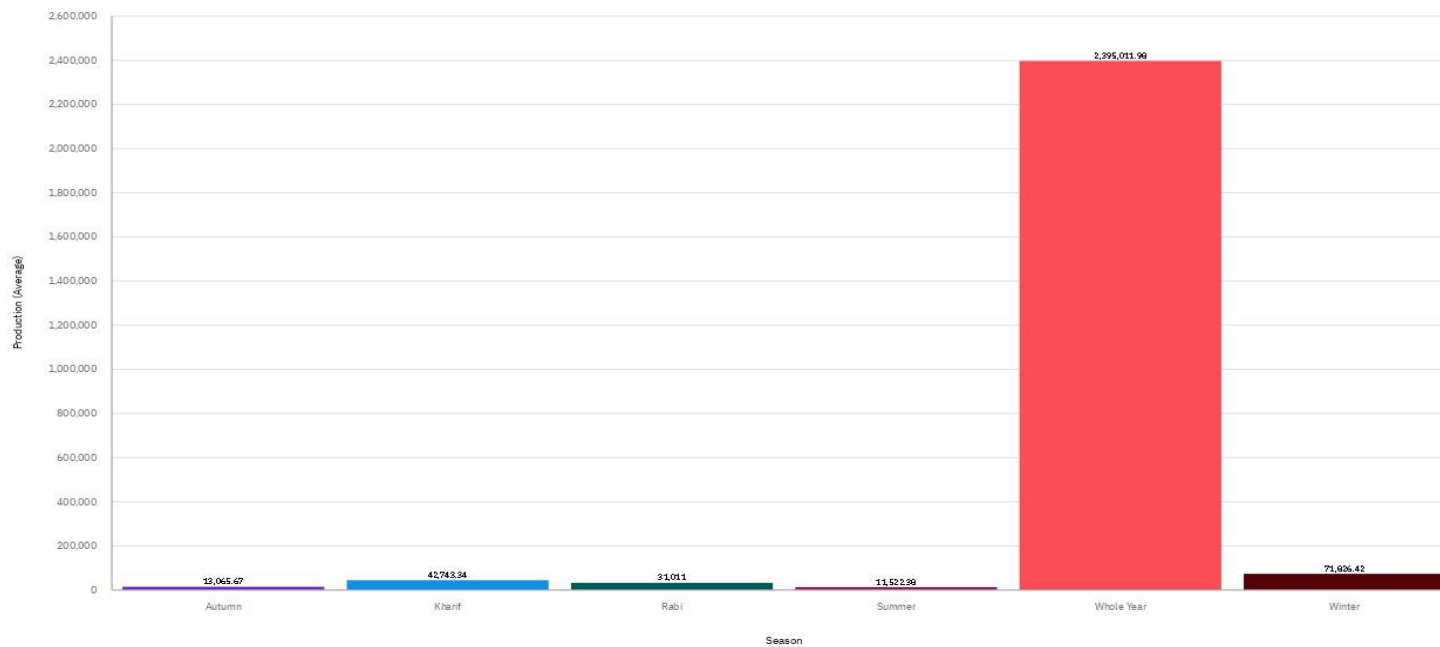
Using the Crop production in Indian dataset, we plan to create various graphs and charts to highlight the insights and visualizations.

* Build a Visualizaiton to showcase Average Crop Production by Seasons.

Season with Average Production

Production by Season colored by Season

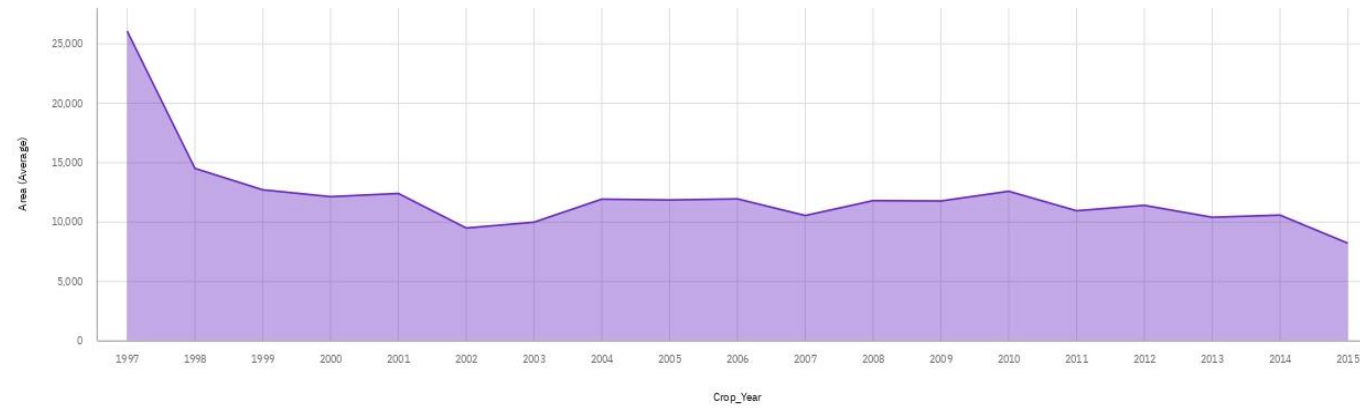
Season
Autumn Kharif Rabi Summer Whole Year Winter



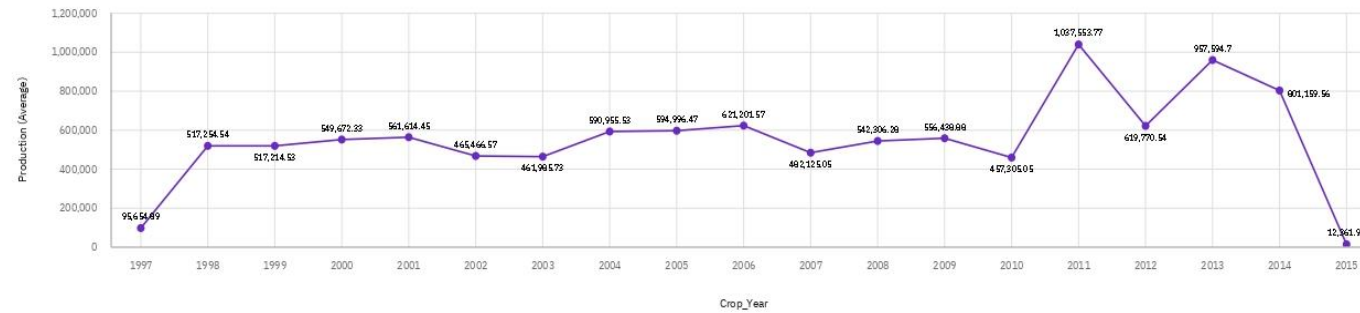
* Showcase the Yearly usage of Area and Crop Production.

With years usage of Area and Production

Area by Crop_Year



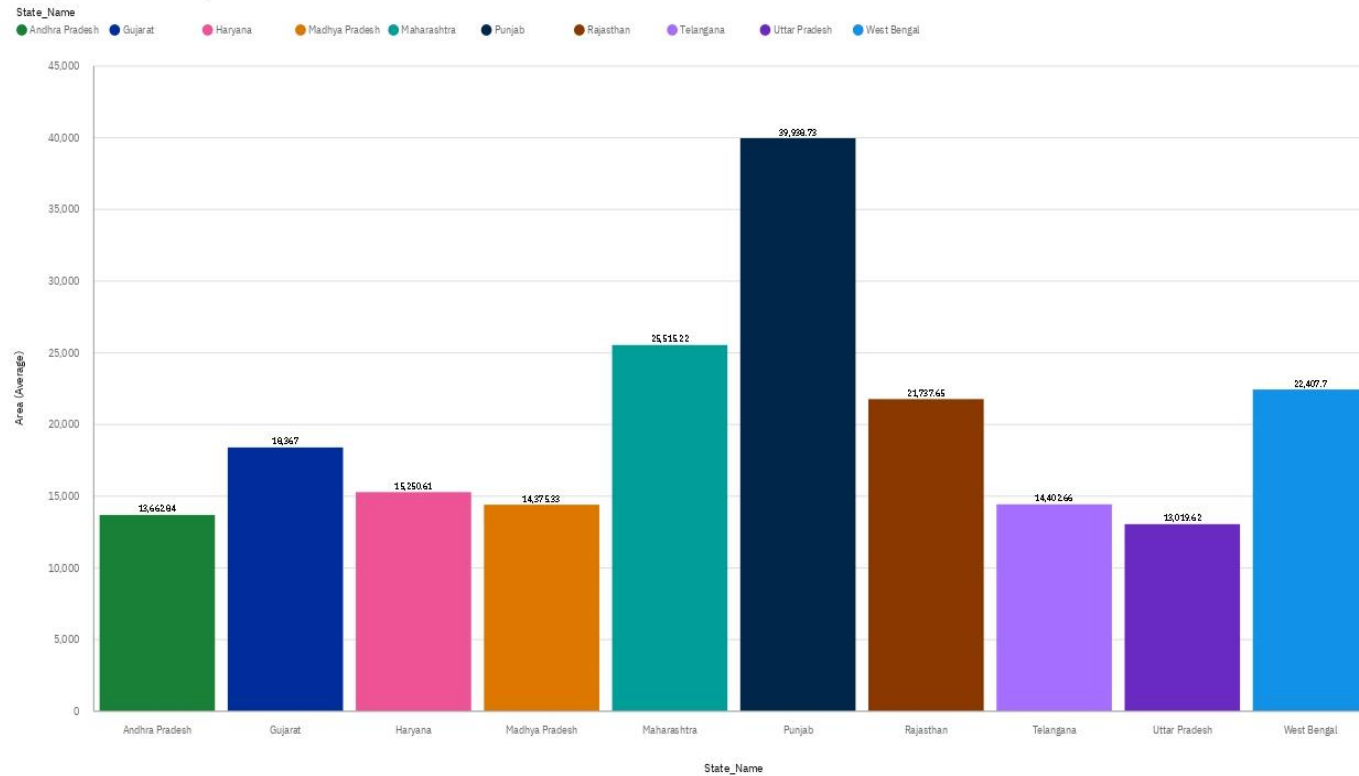
Production by Crop_Year



* Build a visualization to show case top 10 States in Crop Yeild Production by Area.

Top 10 states with most Area

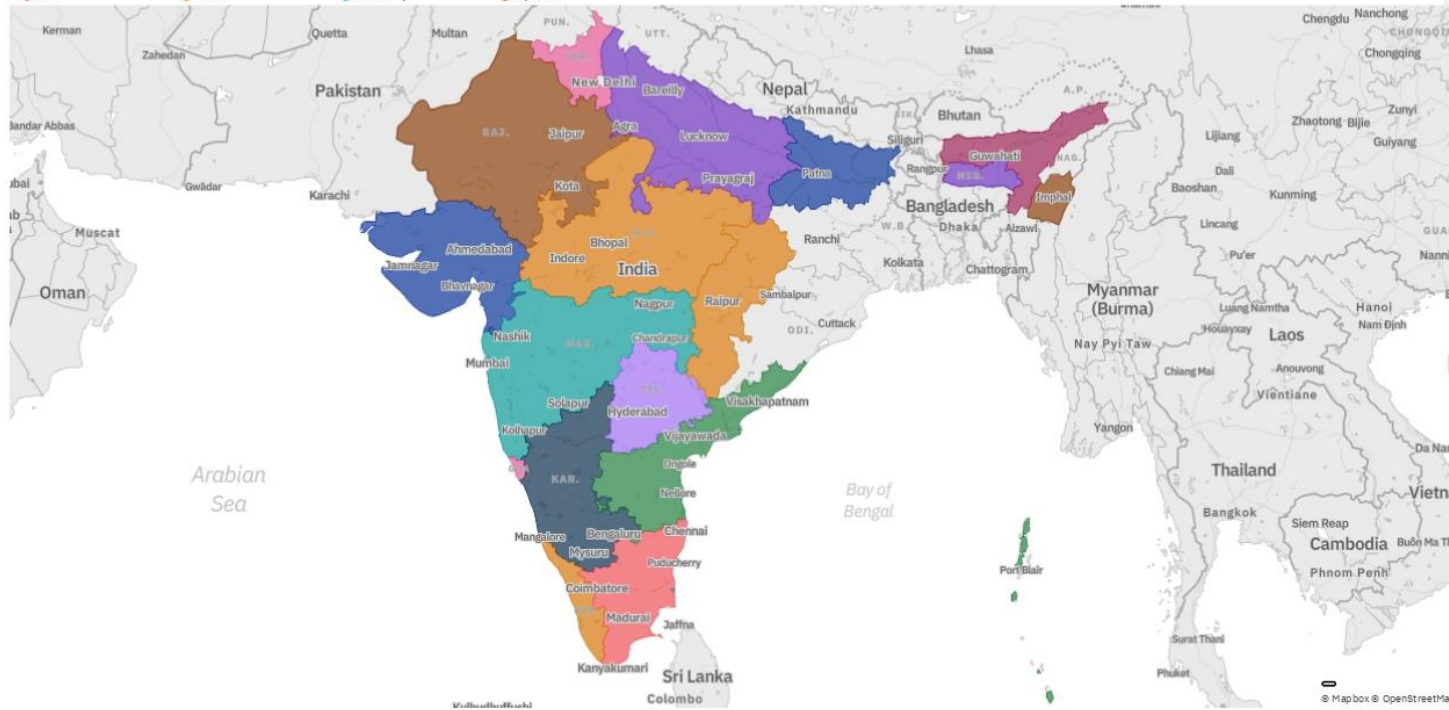
Area by State_Name colored by State_Name



* Build the required Visualization to showcase the Crop Production by State.

State with crop production

State_Name for State_Name regions



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

State with crop production along with season

State_Name and Crop

Crop	State_Name
Ash Gourd	Tamil Nadu
	Andaman and Nicobar Islands
Banana	Andhra Pradesh
	Assam
	Bihar
	Chhattisgarh
	Dadra and Nagar Haveli
	Goa
	Gujarat
	Haryana
	Karnataka
	Kerala
	Madhya Pradesh
	Maharashtra
	Manipur
	Meghalaya
	Puducherry
	Rajasthan
	Tamil Nadu
	Telangana
	Uttar Pradesh

1

Season and Crop

Season	Crop
Rabi	Banana
Whole Year	Banana

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Filter applied in Visualization to showcase the Crop Production by State.

Filter(s) applied to the visualization(s) on the previous page:

Widget 1

Area Top 10

Filter applied in visualization to showcase the state with crop production and seasonal Using Text Representation

Filter(s) applied to the visualization(s) on the previous page:

Widget 1

State_Name Includes: Assam

Crop Includes: Ash Gourd, Banana

Widget 2

State_Name Includes: Assam

Crop Includes: Ash Gourd, Banana

