

Project Development phase Sprint2

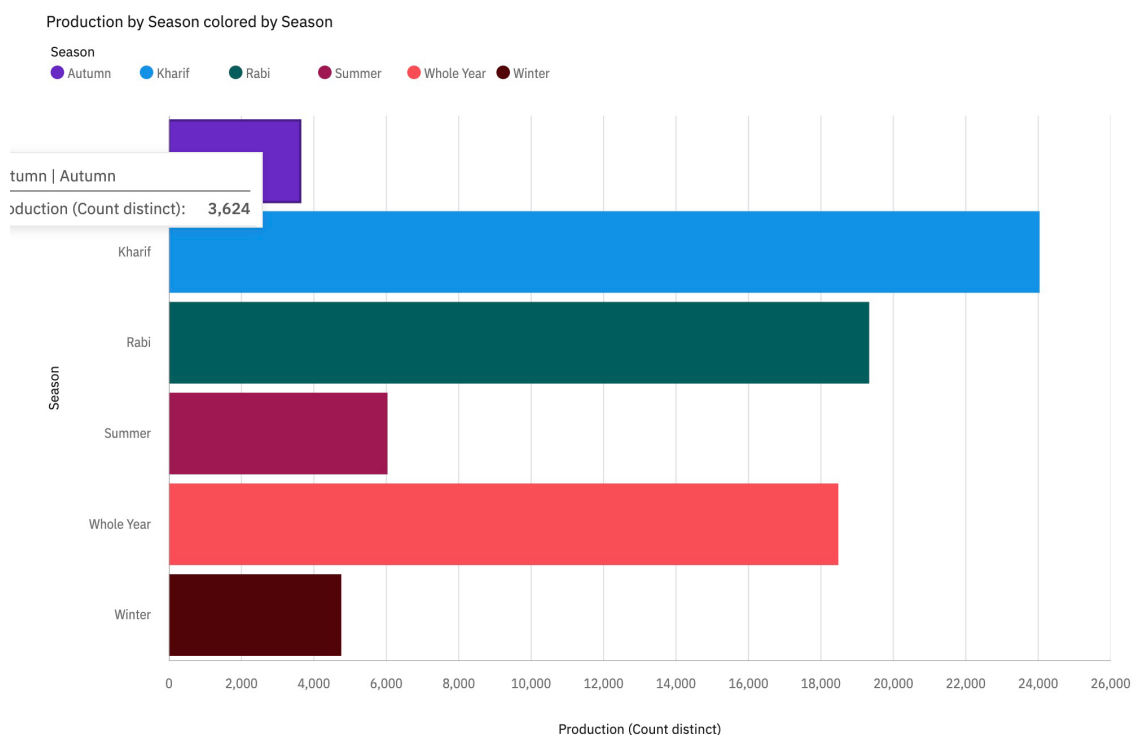
Analysis and Estimation(Data Visualization Charts)

Date	05 November 2022
Team ID	PNT2022TMID15871
Project Name	Estimate the Crop Yield using Data Analytics

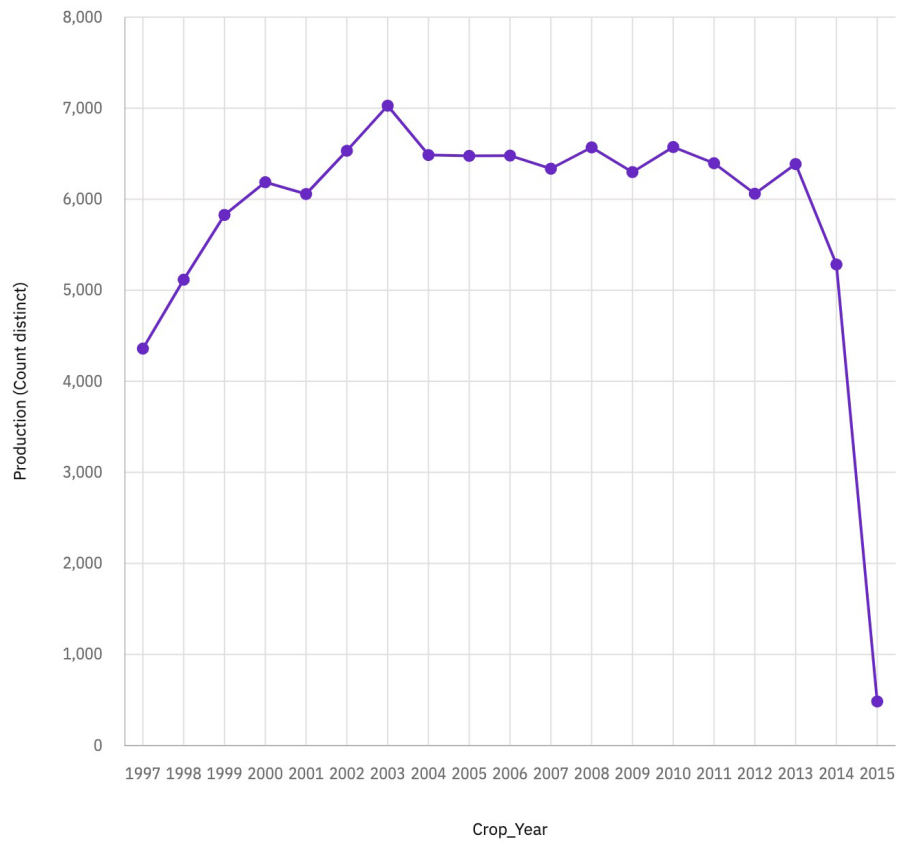
Data Visualization Charts:

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

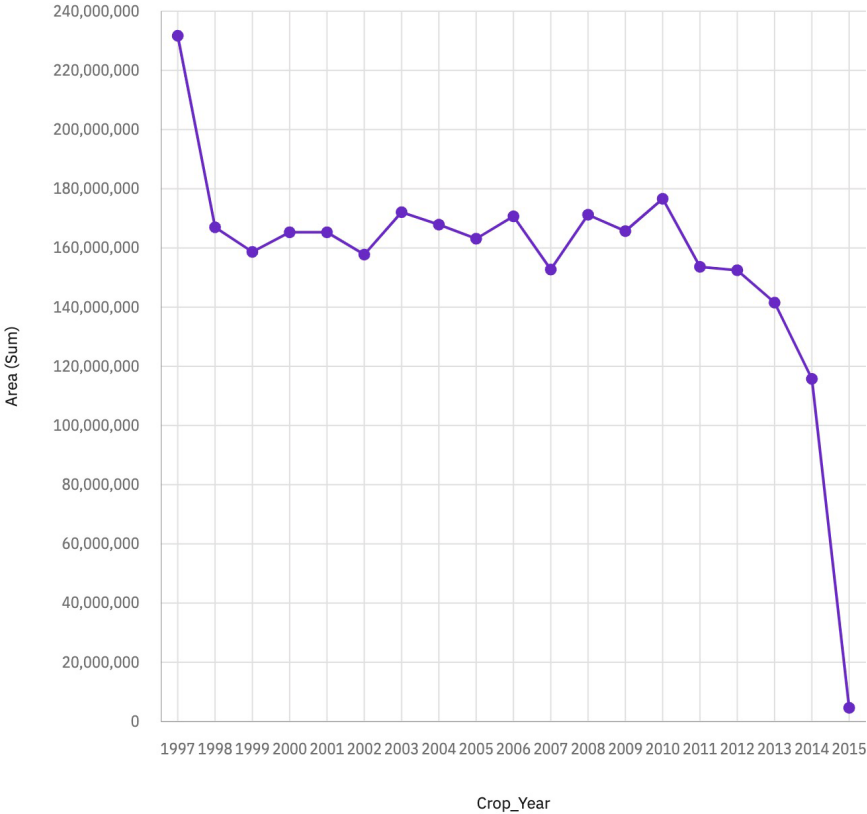
- Build a Visualizaiton to showcase Average Crop Production by Seasons.
- Showcase the Yearly usage of Area in Crop Production.
- Build a visualization to show case top 10 States in Crop Yield Production by Area.
- Build the required Visualization to showcase the Crop Production by State.
- Build Visual analytics to represent the Sates with Seasonal Crop Production using a Text representation



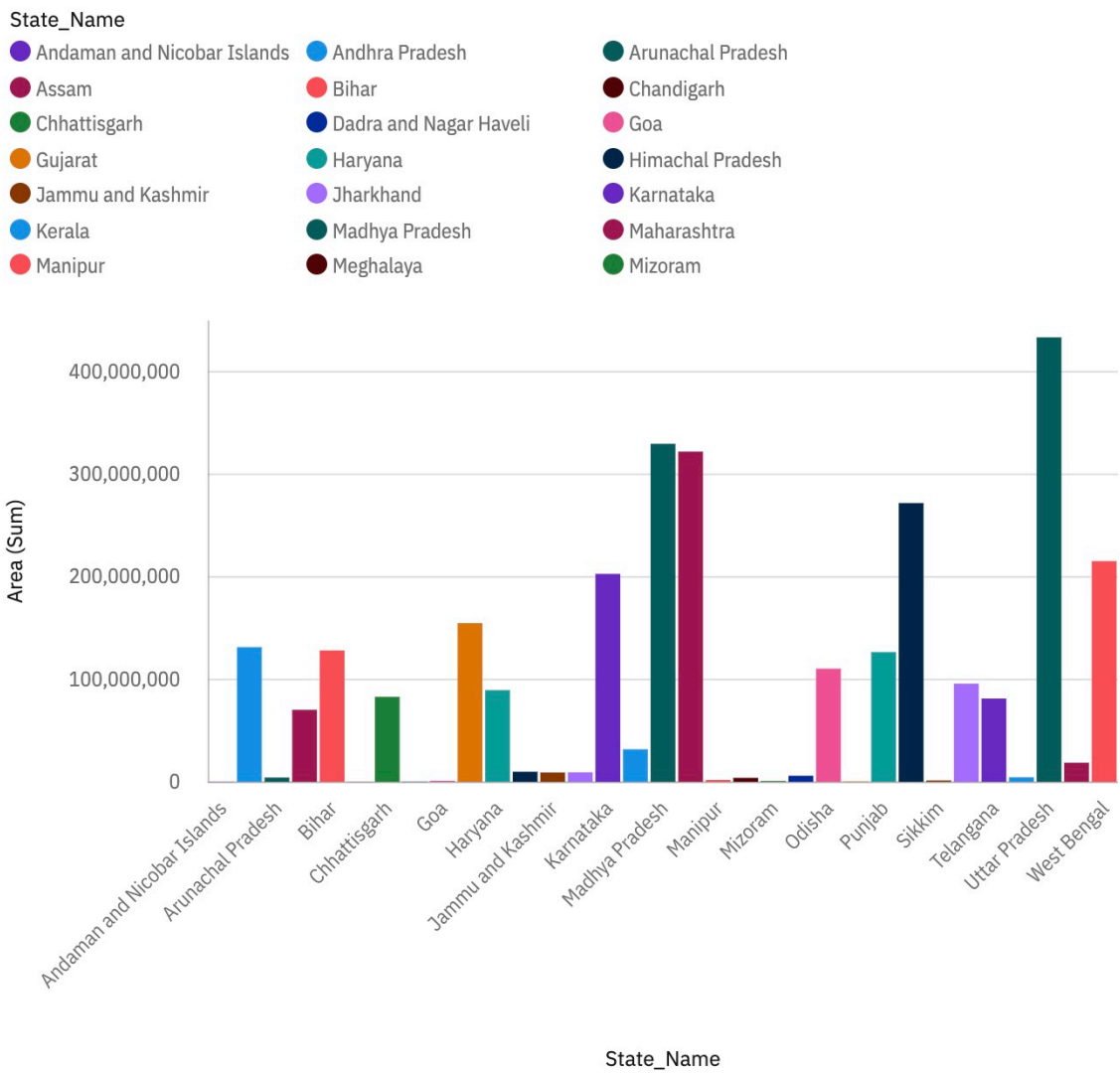
Production by Crop_Year



Area by Crop_Year



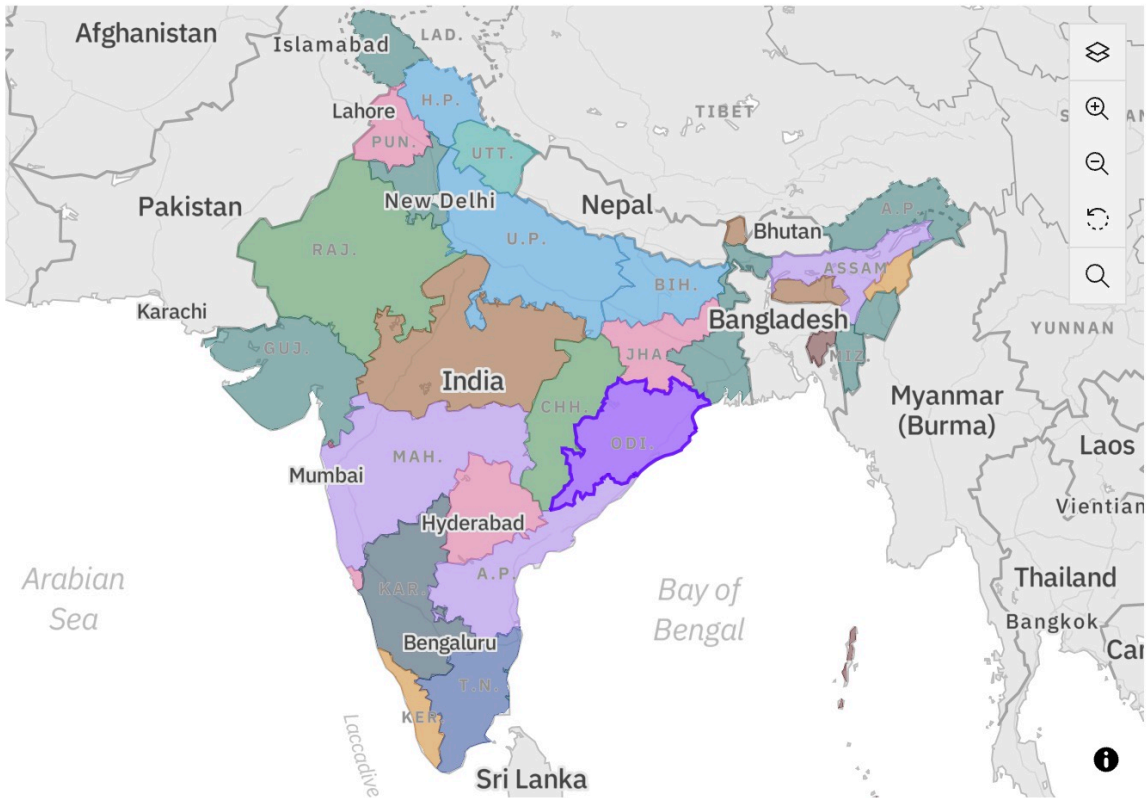
Area by State_Name colored by State_Name



Production for State_Name regions



Production



Season, State_Name and Crop

Season	Crop	State_Name
Autumn	Arhar/Tur	Odisha
	Banana	Manipur
	Cotton(lint)	
	Dry chillies	West Bengal
	Dry ginger	Manipur
	Groundnut	Odisha
	Jowar	West Bengal
	Jute	Manipur
		Odisha
	Maize	Bihar
		Jharkhand
		Maharashtra
		Manipur
		Odisha
		West Bengal
	Moong(Green Gram)	Odisha