

Project Development Phase – Sprint2

DATA VISUALIZATION CHARTS

Date	05 November 2022
Team ID	PNT2022TMID27968
Project Name	Estimate The Crop Yield Using Data Analytics

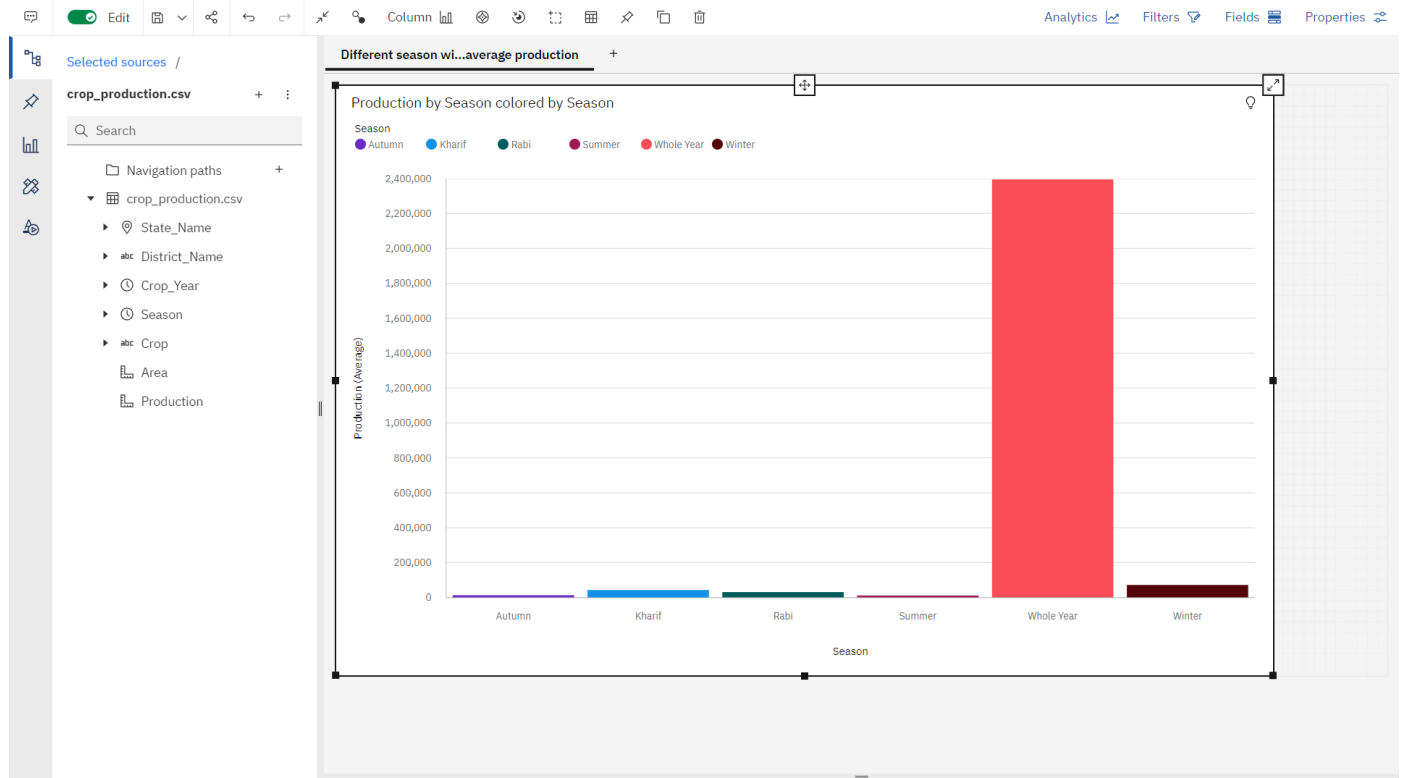
Visualization Charts:

Visualization charts are used to represent the data in the graphical manner that helps to understand the data more easily and quickly and, find the new trends and patterns in the data.

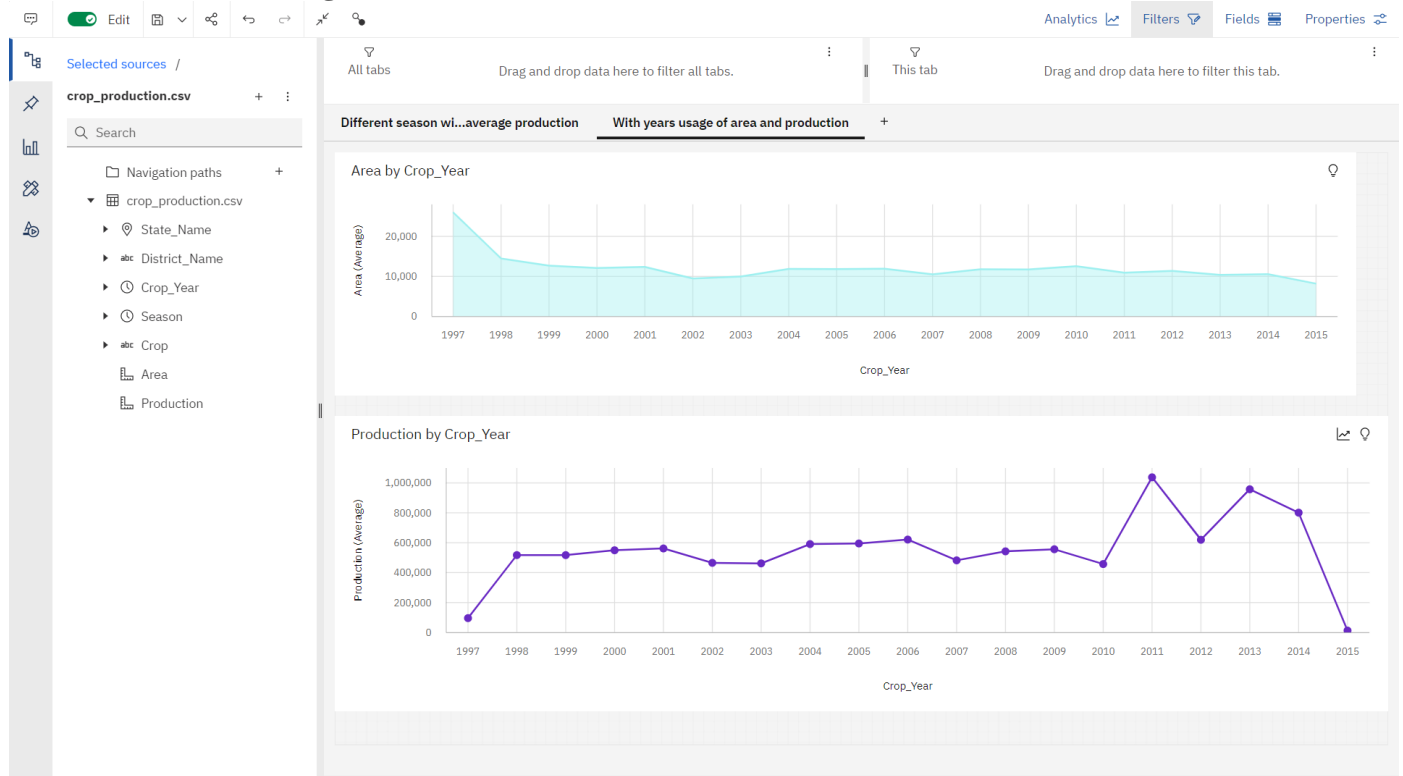
Using the Crop production in Indian dataset, we plan to create various graphs and charts to highlight the insights and visualizations.

- * Build a Visualization 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 States with Seasonal Crop Production using a Text representation.

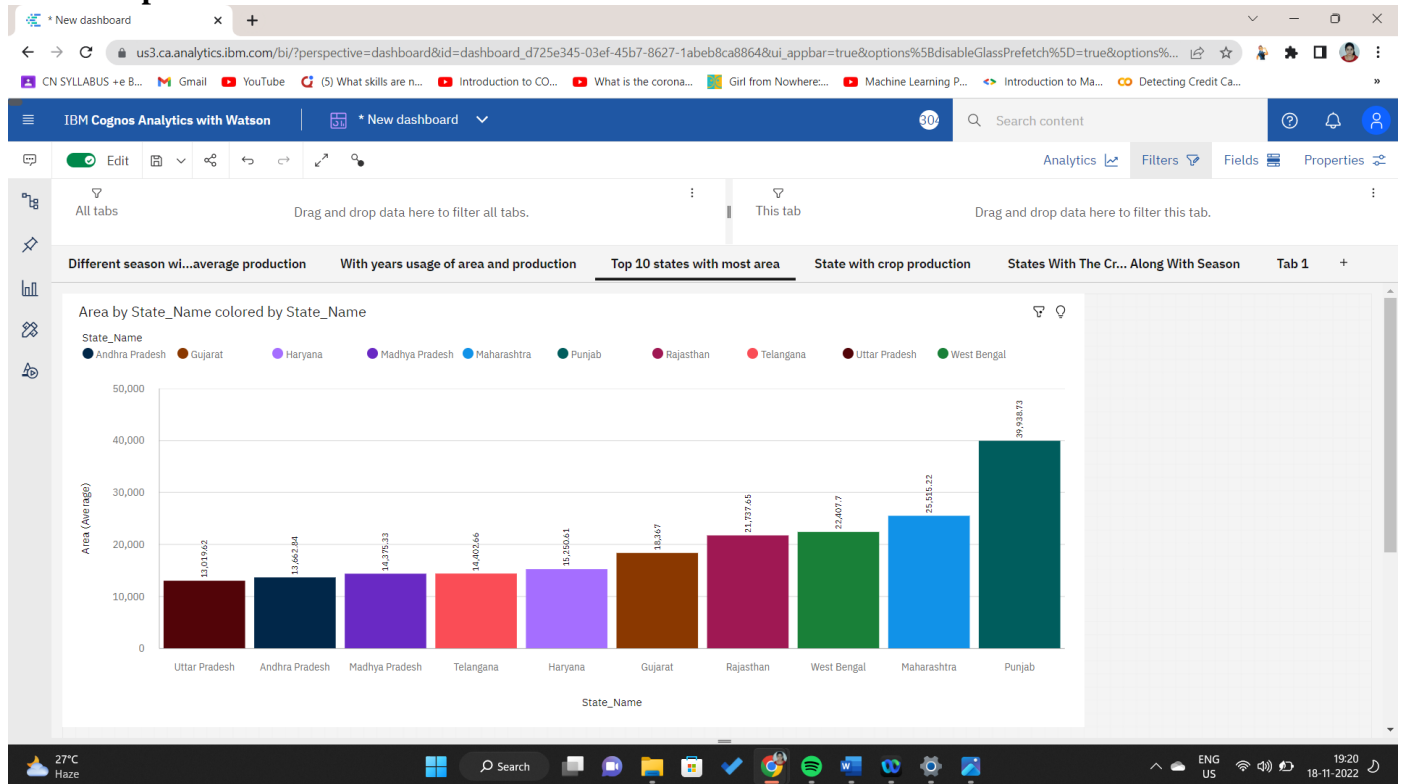
1. Seasons With Average Productions



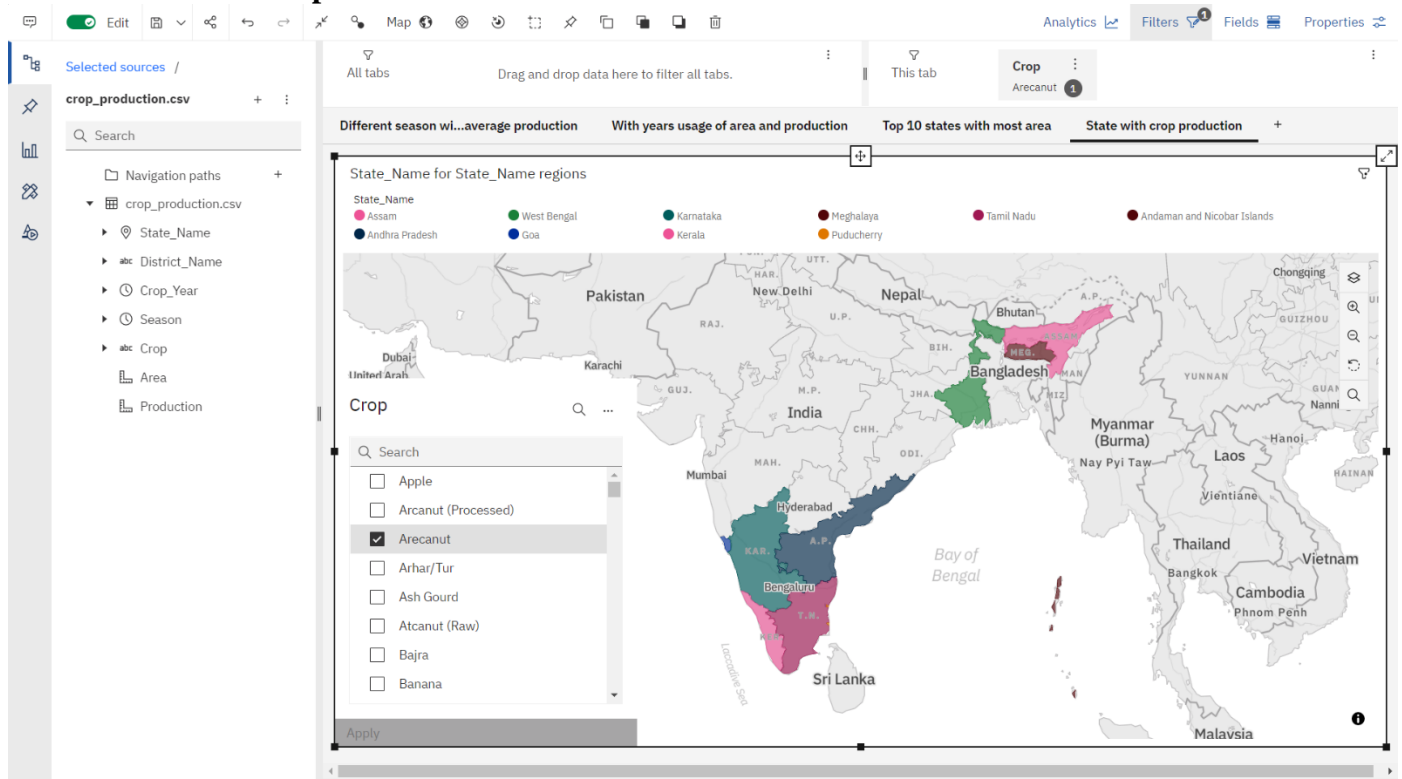
2. With Years Usage Of Area And Production



3. Top 10 States With Most Area



4. State With Crop Production



5. States With The Crop Production Along With Season (Text Table)

Analytics

Filters

Fields

Properties

⌵

All tabs

Drag and drop data here to filter all tabs.

⌵

This tab

Crop

Different season wi...average production

With years usage of area and production

Top 10 states with most area

State with crop production

States With The Cr... Along With Season

Tab 1

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State_Name and Crop

State_Name	Crop
Andaman and Nicobar Islands	Arecanut
	Arhar/Tur
	Banana
	Black pepper
	Cashewnut
	Coconut
	Dry chillies
	Dry ginger
	Groundnut
	Maize
	Moong(Green Gram)
	Other Kharif pulses
	Rice
	Sugarcane
	Sunflower
	Sweet potato

Season and Crop

Season	Crop	Crop	Crop
Autumn	Rice	Rice	Rice
	Sugarcane	Sugarcane	Sugarcane
Kharif	Arecanut	Arecanut	Arecanut
	Other Kharif pulses	Other Kharif pulses	Other Kharif pulses
	Rice	Rice	Rice
Rabi	Arecanut	Arecanut	Arecanut
	Arhar/Tur	Arhar/Tur	Arhar/Tur
	Black pepper	Black pepper	Black pepper
	Cashewnut	Cashewnut	Cashewnut
	Dry chillies	Dry chillies	Dry chillies
	Dry ginger	Dry ginger	Dry ginger
	Groundnut	Groundnut	Groundnut
	Maize	Maize	Maize
	Moong(Green Gram)	Moong(Green Gram)	Moong(Green Gram)
	Sunflower	Sunflower	Sunflower
	Sweet potato	Sweet potato	Sweet potato
	Turmeric	Turmeric	Turmeric