

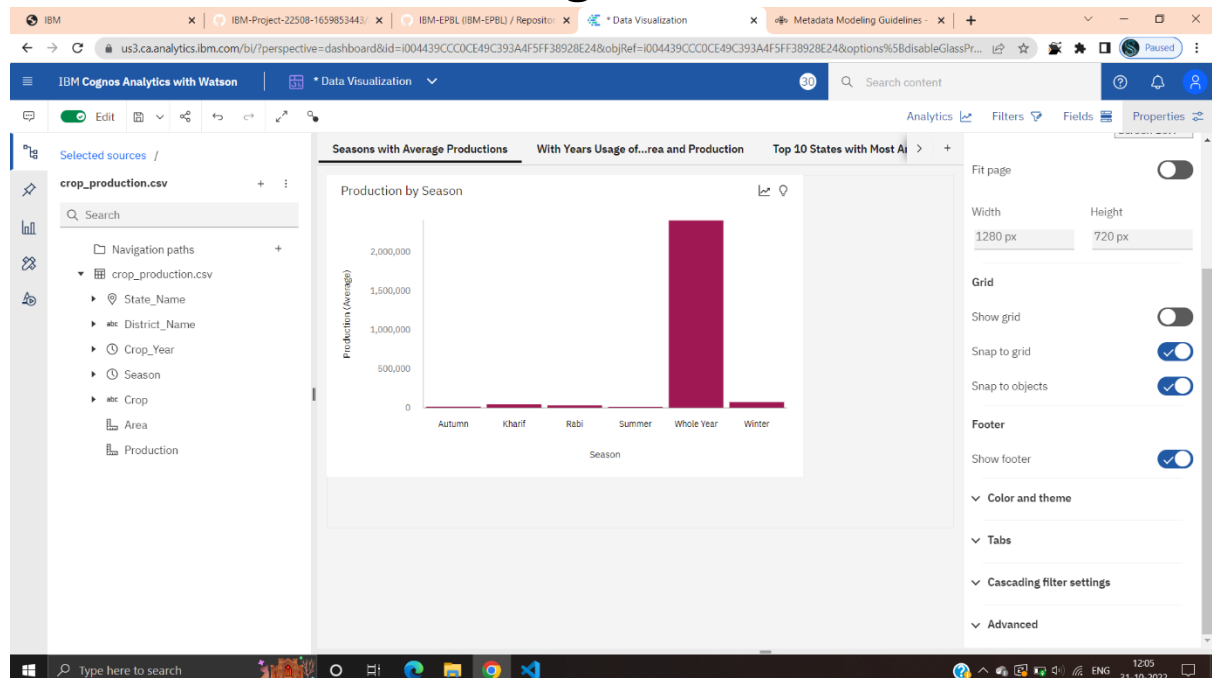
Date	28 October 2022
Team ID	PNT2022TMID08179
Project Name	Estimation of crop yield using data analytics

Data Visualization Charts

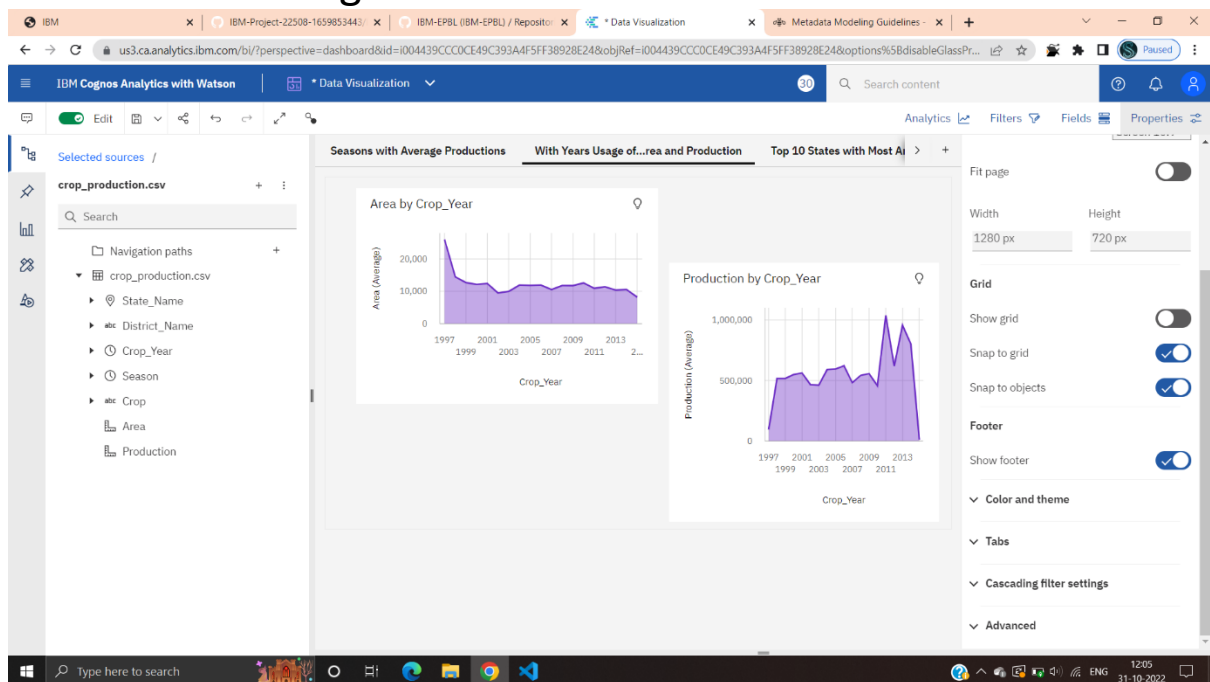
Using the Crop production in Indian dataset, we planned to create various graphs and charts to highlight the insights and visualizations.

- * 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.

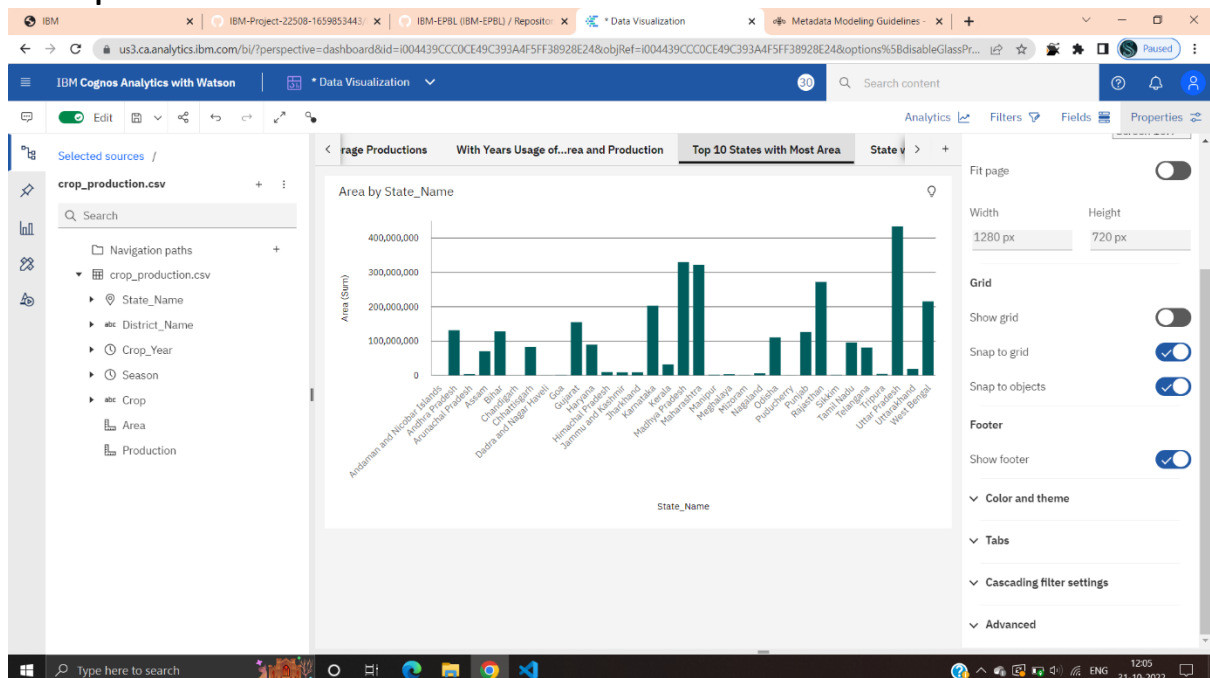
1.Seasons with Average Productions



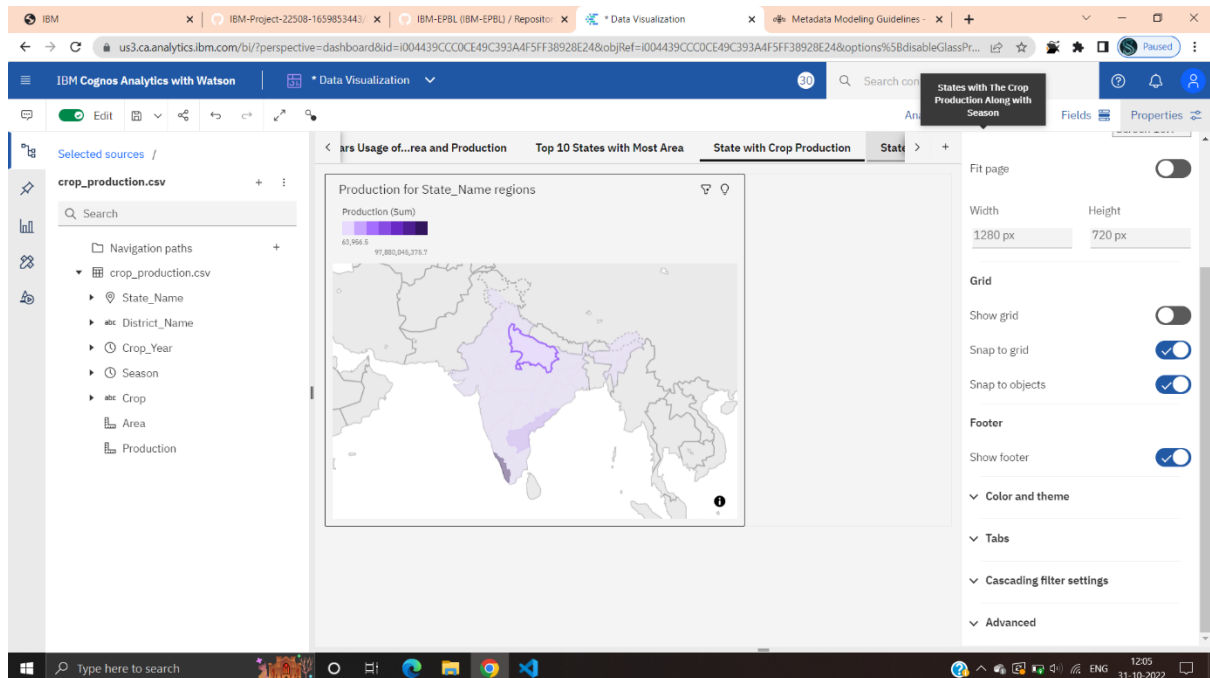
2. With Years Usage of Area and Production



3. Top 10 States with Most Area



4.State with Crop Production



5.States with The Crop Production Along with Season (TextTable)

The screenshot displays the IBM Cognos Analytics interface with two text table visualizations. The left table is titled 'State_Name and Crop' and the right table is titled 'Season and Crop'. Both tables have a 'Crop' column and a 'State_Name' or 'Season' column. The 'State_Name and Crop' table lists crops like Arecanut and State_Names like Karnataka, Kerala, Meghalaya, Puducherry, Tamil Nadu, West Bengal, Andaman and Nicobar Islands, Andhra Pradesh, Assam, Bihar, and Chandigarh. The 'Season and Crop' table lists crops like Apple, Arcanut (Processed), Arcanut, and Arhar/Tur, along with seasons like Whole Year, Kharif, Rabi, Autumn, and Winter.

Crop	State_Name
Arecanut	Karnataka
	Kerala
	Meghalaya
	Puducherry
	Tamil Nadu
	West Bengal
	Andaman and Nicobar Islands
	Andhra Pradesh
	Assam
	Bihar
	Chandigarh

Crop	Season
Apple	Whole Year
Arcanut (Processed)	Whole Year
Arcanut	Kharif
	Rabi
	Whole Year
	Autumn
Arhar/Tur	Kharif
	Rabi
	Summer
	Whole Year
	Winter