

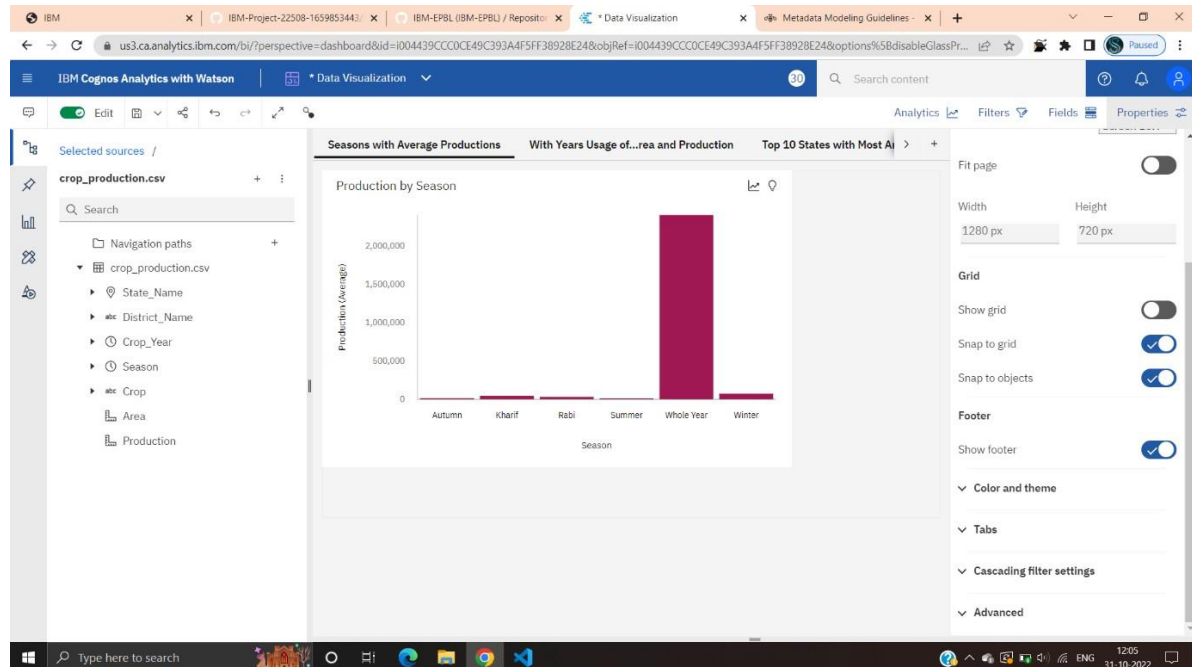
Date	05 November 2022
Team ID	PNT2022TMID32010
Project Name	Estimation of crop yield using data analytics

Data Visualization Charts

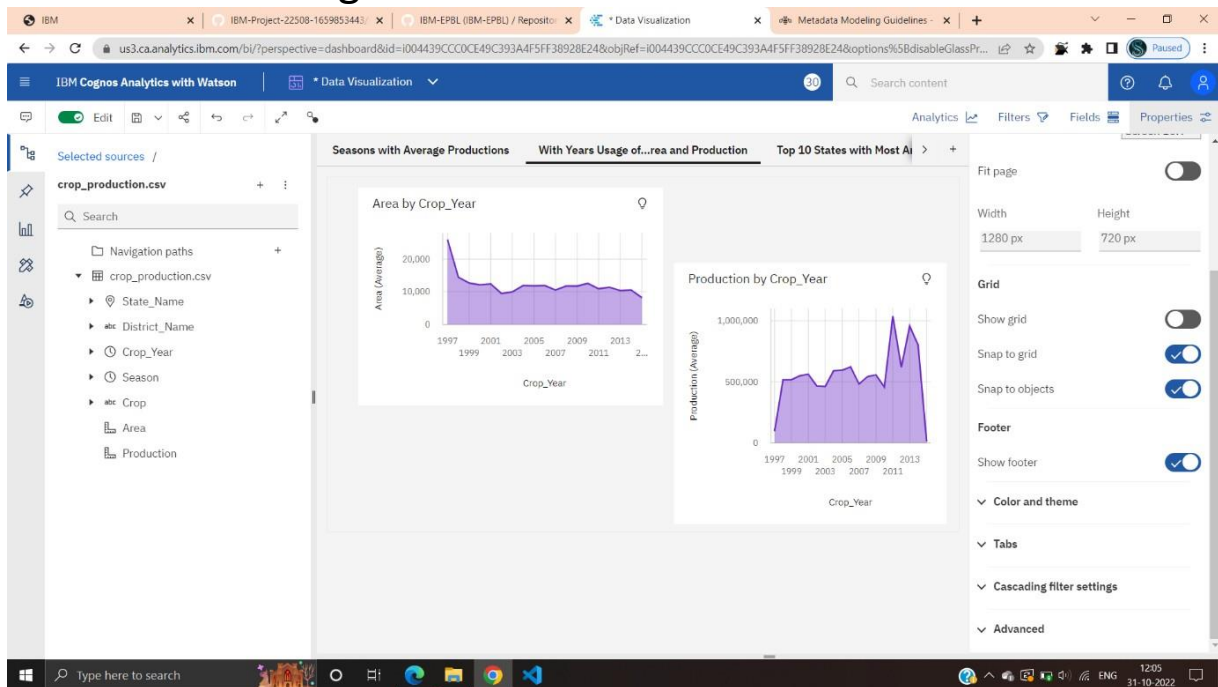
Using the Crop production in Indian dataset, we planned to create various graphs and charts to highlight the insights and visualizations.

- * 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 Sates with Seasonal Crop Production using a Text representation.

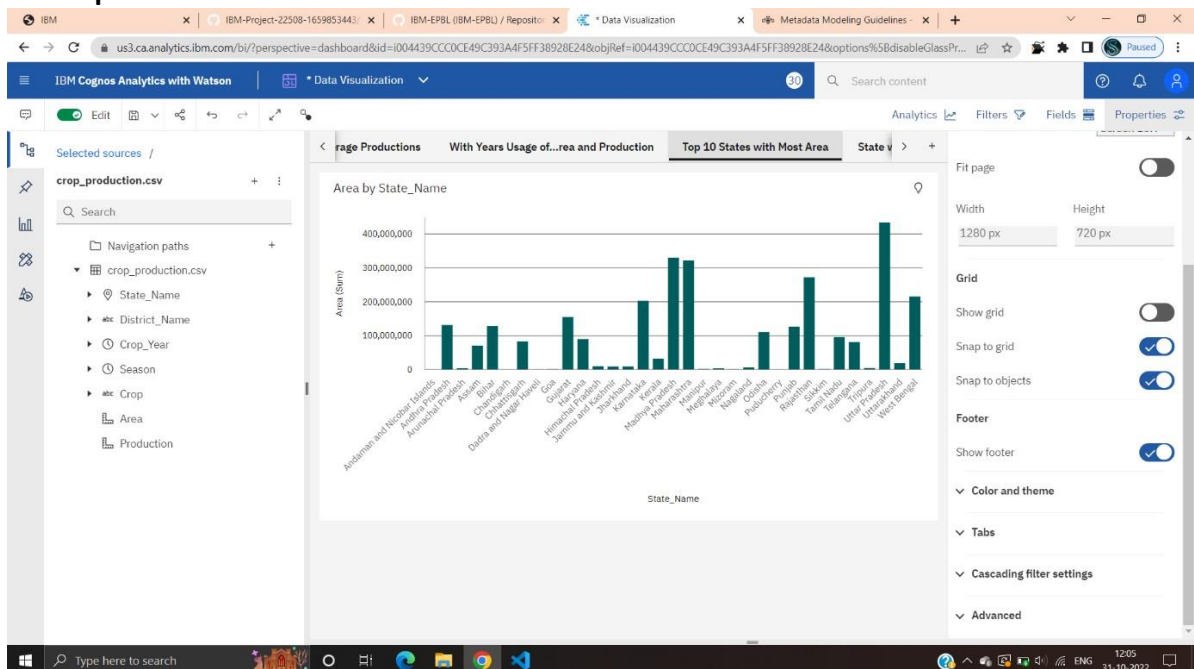
1.Seasons with Average Productions



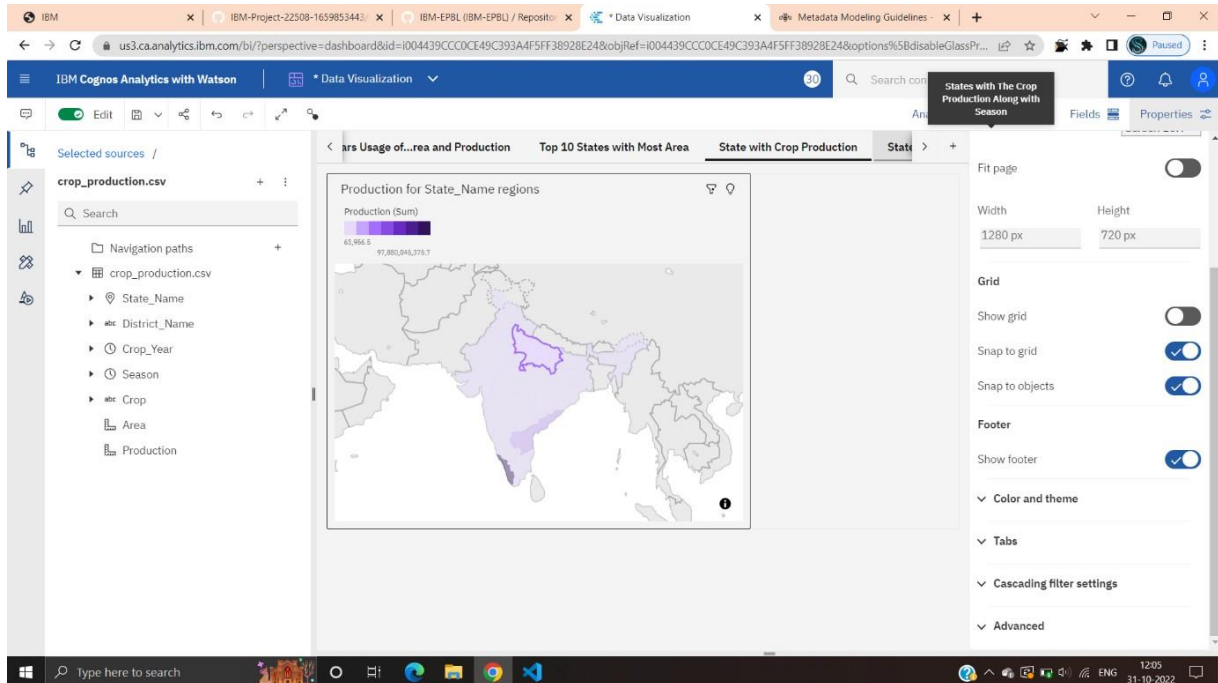
2. With Years Usage of Area and Production



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 tables side-by-side. The left table is titled 'State_Name and Crop' and the right table is titled 'Season and Crop'. Both tables have a search bar at the top. The left table has columns 'Crop' and 'State_Name'. The right table has columns 'Crop' and 'Season'.

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
Arecanut (Processed)	Whole Year
Arecanut	Kharif
	Rabi
	Whole Year
	Autumn
	Kharif
Ajhar/Tur	Rabi
	Summer
	Whole Year
	Winter