
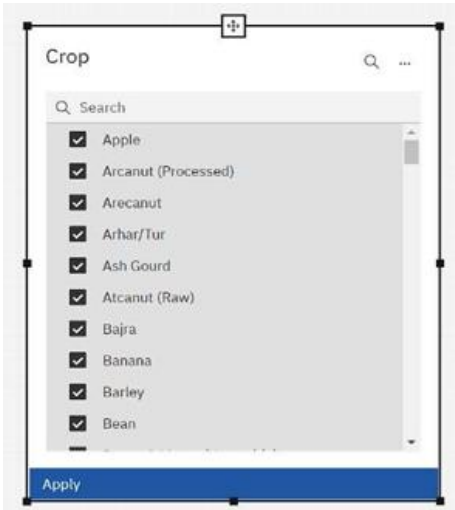


## Project Development Phase Model Performance Test

Date	10 November 2022
Team ID	PNT2022TMID20086
Project Name	ESTIMATE THE CROP YIELD USING DATA ANALYTICS
Maximum Marks	10 Marks

Model Performance Testing:

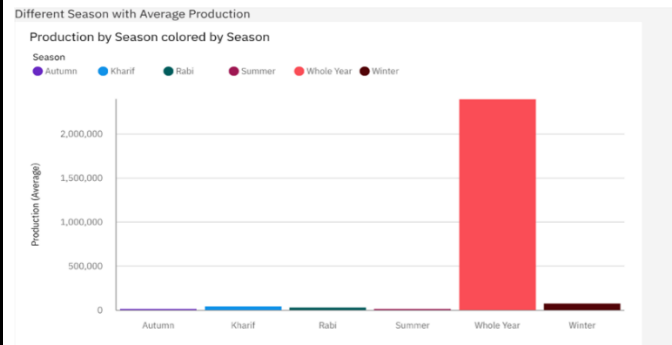
S.No.	Parameter	Screenshot / Values
1.	Dashboard design	<p>No of Visualizations - 8</p>  <p>The screenshot displays a dashboard with the following visualizations:</p> <ul style="list-style-type: none"> <li><b>Map of India:</b> A map showing the production of different crops across various states.</li> <li><b>Bar Chart:</b> A bar chart showing the production of different crops for a specific year.</li> <li><b>Line Chart:</b> A line chart showing the production of different crops over time.</li> <li><b>Stacked Bar Chart:</b> A stacked bar chart showing the production of different crops for a specific year.</li> <li><b>Line Chart (Production by Crop/Year):</b> A line chart showing the production of different crops over time.</li> <li><b>Area Chart (Area by Crop/Year):</b> An area chart showing the production of different crops over time.</li> </ul>
2.	Data Responsiveness	Faster

3.	Amount Data to Rendered (DB2 Metrics)	<p>Data's Rendered:</p> <ul style="list-style-type: none"> <li>• 2,46,091 – Records</li> <li>• 7 - Fields</li> </ul>
4.	Utilization of Data Filters	<p>Yes, Utilized</p> 
5.	Effective User Story	No. of Scene Added - 9

6.

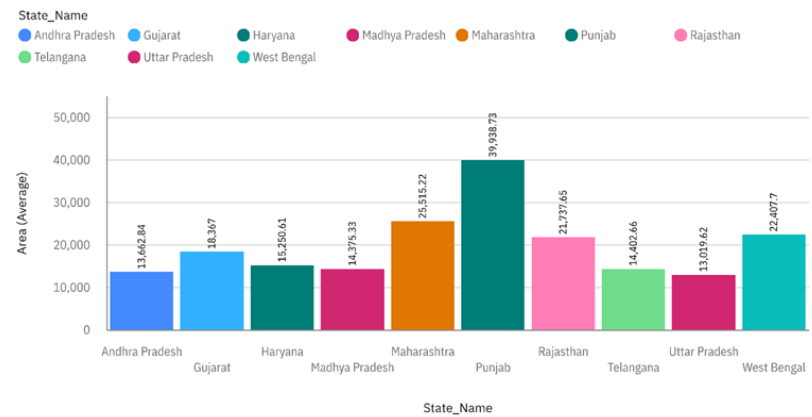
## Descriptive Reports

## No. of Visualizations / Graphs – 7

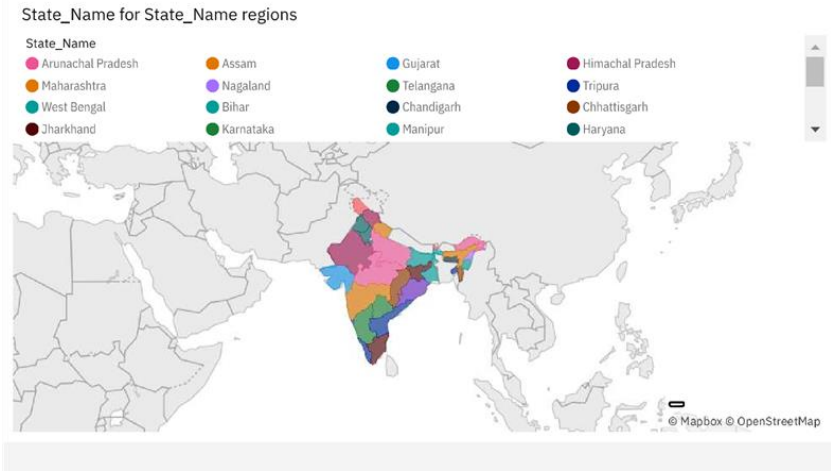


## Top 10 States with most area

## Area by State\_Name colored by State\_Name



States with crop production



Table

Crop and State_Name	
Crop	State_Name
Apple	Tamil Nadu
Arcanut (Processed)	Karnataka
Arecanut	Andaman and Nicobar Islands
	Andhra Pradesh
	Assam
	Goa
	Karnataka
	Kerala
	Meghalaya
	Puducherry
	Tamil Nadu
	West Bengal
	Andaman and Nicobar Islands

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

Dashboard

