
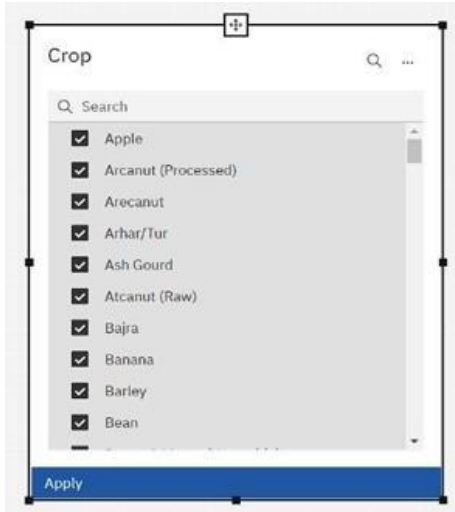


Project Development Phase Model Performance Test

Date	10 November 2022
Team ID	PNT2022TMID29392
Project Name	PROJECT-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 title 'Crop'. It features a sidebar on the left with a search bar and a list of filters. The main area contains several visualizations: a map of India showing production by state, a bar chart titled 'Production by Season (selected by Season)', a line chart titled 'Production by Crop Year', and a table titled 'Crop Year'. The dashboard is designed with a clean, modern aesthetic using a light blue and white color scheme.</p>
2.	Data Responsiveness	Faster

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

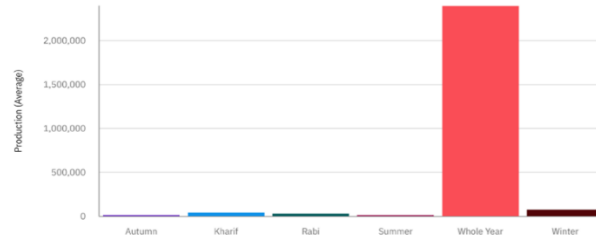
6.

Descriptive Reports

No. of Visualizations / Graphs – 7

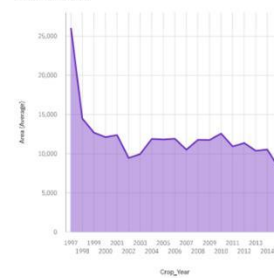
Different Season with Average Production

Production by Season colored by Season

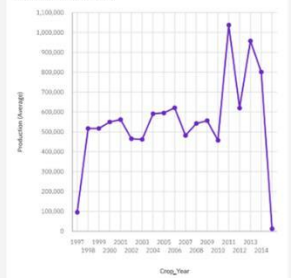
Season
Autumn Kharif Rabi Summer Whole Year Winter

With Years Usage of Area And Production

Area by Crop_Year



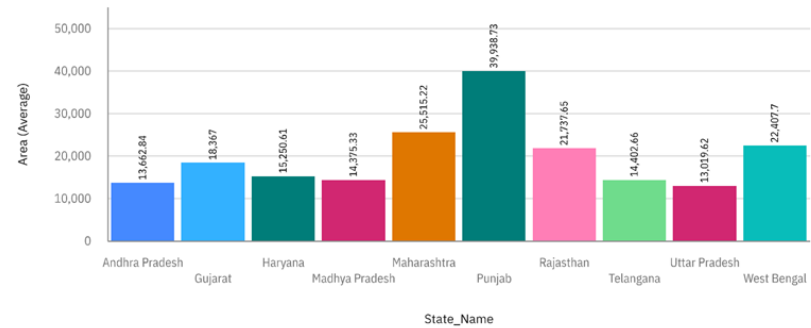
Production by Crop_Year



Top 10 States with most area

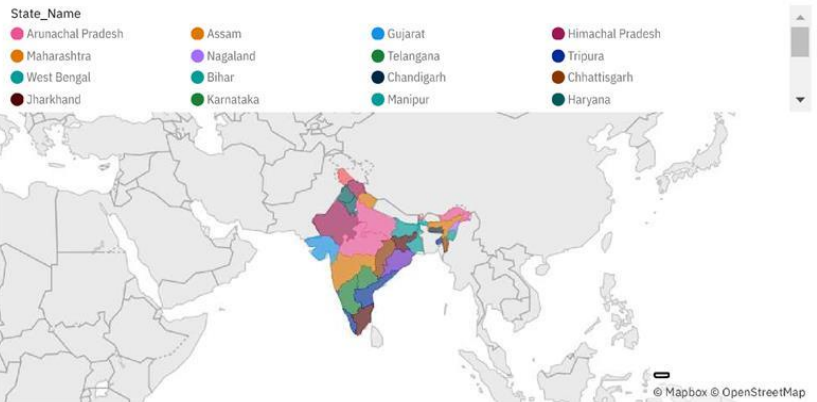
Area by State_Name colored by State_Name

State_Name

Andhra Pradesh Gujarat Haryana Madhya Pradesh Maharashtra Punjab Rajasthan
Telangana Uttar Pradesh West Bengal

States with crop production

State_Name for State_Name regions



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
Arhar/Tur	Whole Year
	Autumn
	Kharif
	Rabi
	Summer
	Whole Year
	Winter

Dashboard

