

Project Development Phase
Model Performance Test

Date	18 November 2022
Team ID	PNT2022TMID15473
Project Name	Estimation of crop yield using data analytics
Maximum Marks	10 Marks

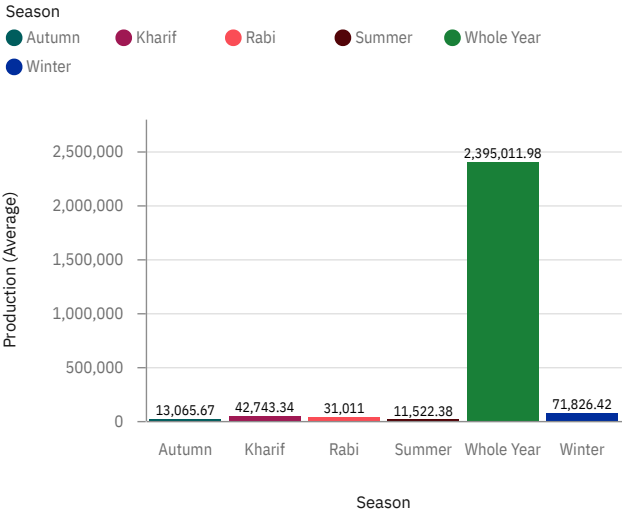
Model Performance Testing:

Project team shall fill the following information in model performance testing template.

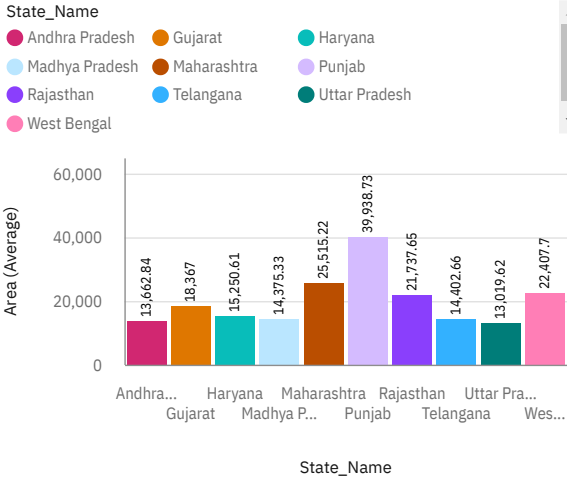
S.No.	Parameter	Screenshot/ Values
1.	Dashboard design	No of Visualizations/ Graphs — 5 / 8
2.	Data Responsiveness	CROP PRODUCTION DATASET The dataset contains 7 rows and 246091 record and dataset contains different state name, different district name, crop year ,crop, area, season and production
3.	Amount Data to Rendered (DB2 Metrics)	To connect IBM Db2 database cloud with cognos analytics By using IBM Db2 to create Dashbord, Visualization and Exploratory data analytics(EDA)
4.	Utilization of Data Filters	Utilization of data filters - 25

Dashboard

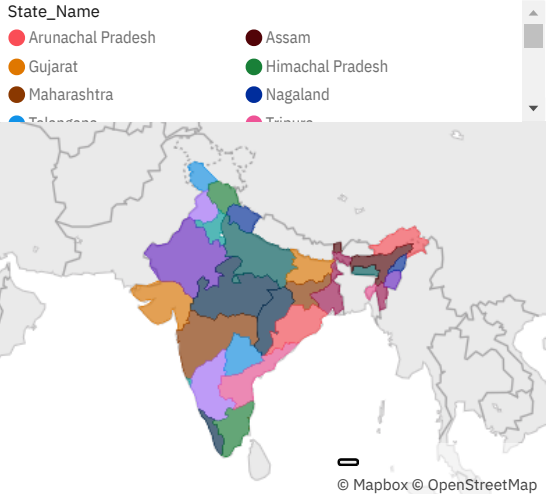
Production by Season colored by Season



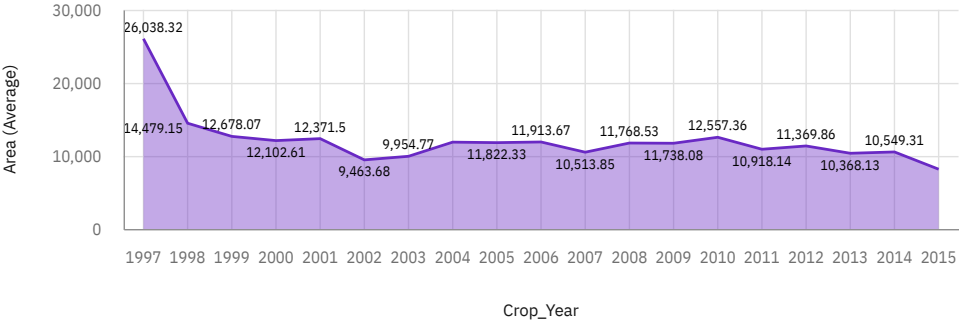
Area by State_Name colored by State_Name



State_Name for State_Name regions



Area by Crop_Year



State_Name and Crop

Crop	State_Name
Apple	Tamil Nadu
Arcanut (Processed)	Karnataka
Arecanut	Andaman and Nico...
	Andhra Pradesh
	Assam
	Goa
	Karnataka
	Kerala
	...

Season and Crop

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