

**Project Development Phase
Model Performance Test**

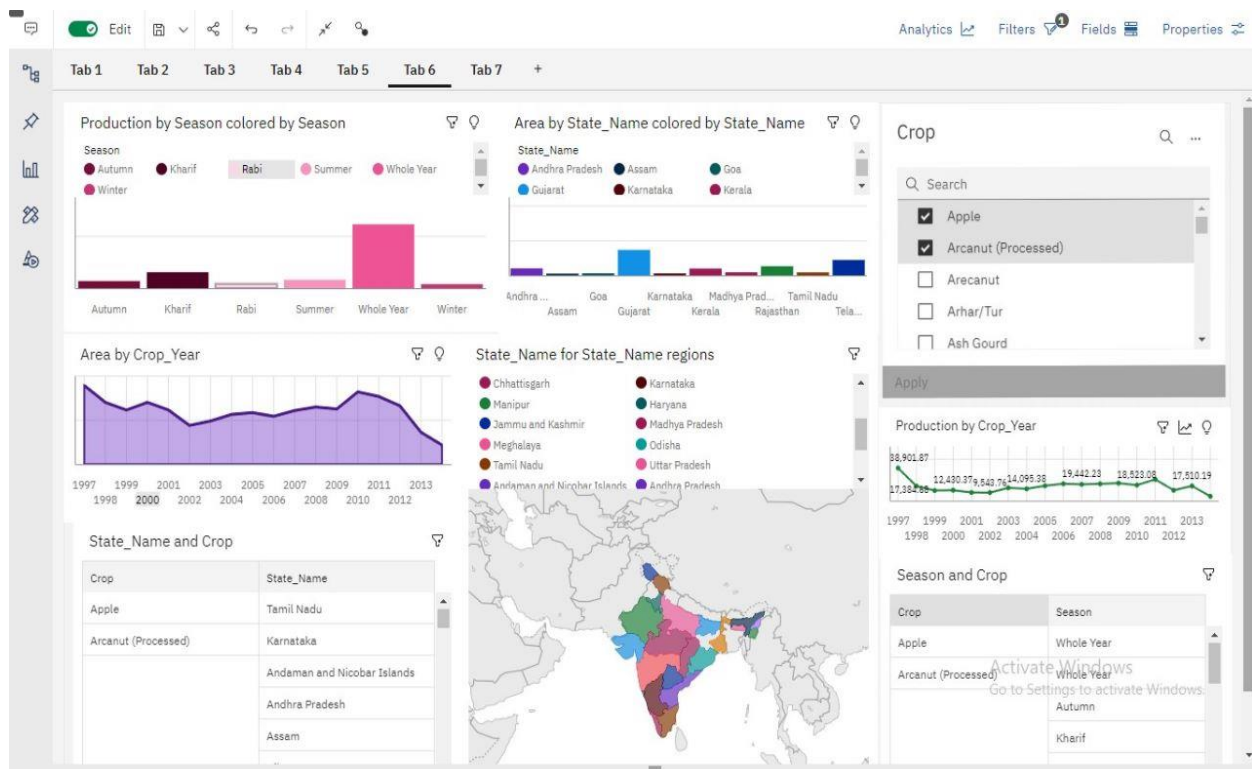
Date	16 November 2022
Team ID	PNT2022TMID25946
Project Name	Estimate the Crop Yield Using Data Analytics
Maximum Marks	10 Marks

Model Performance Testing:

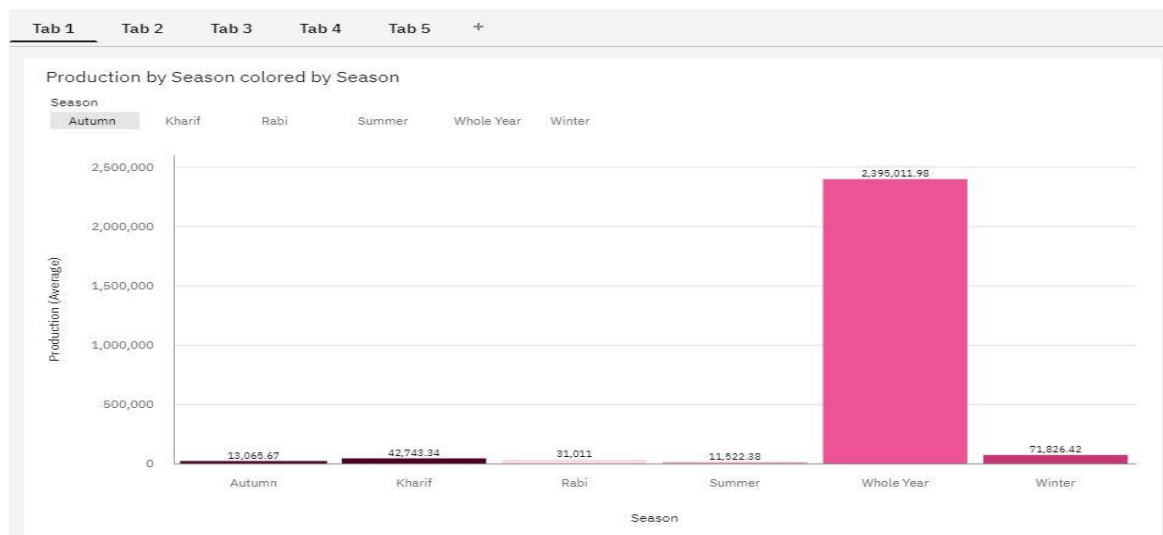
Project team shall fill the following information in model performance testing template.

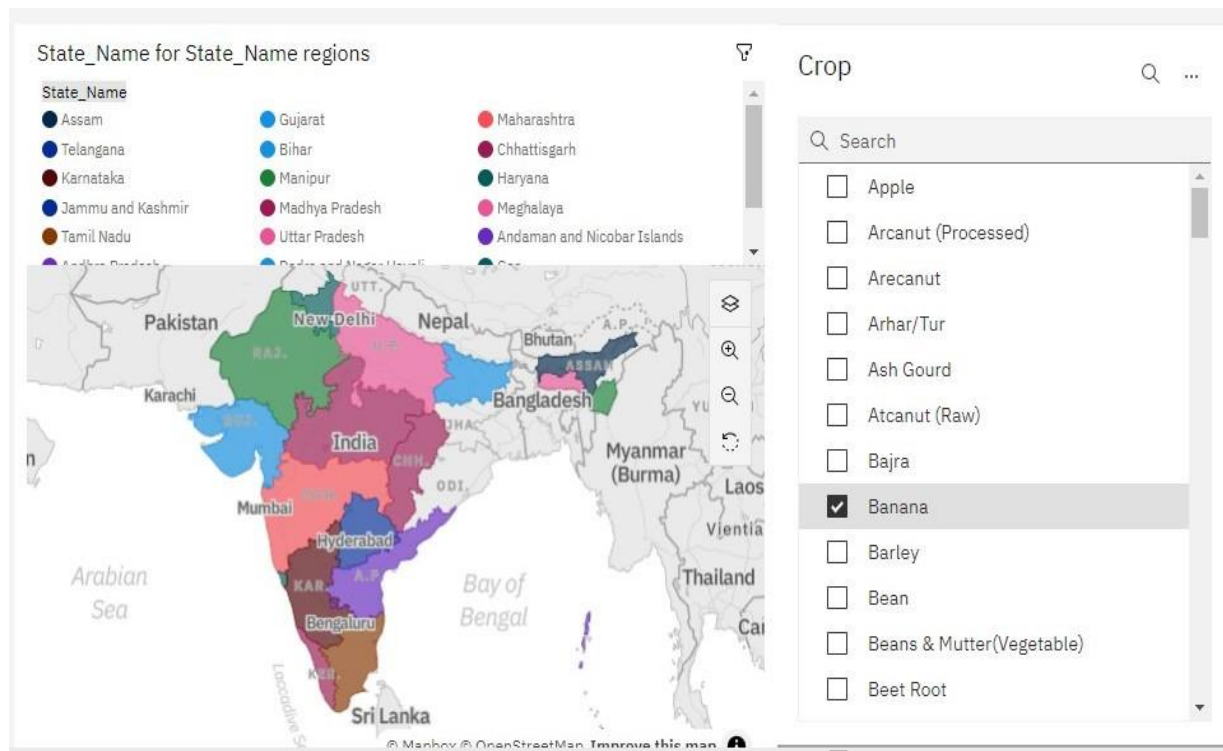
S.No	Parameter	Screenshot / Values
1.	Dashboard design	No of Visulizations / Graphs - 5
2.	Data Responsiveness	1.Seasons With Average Productions 2.With Years Usage Of Area And Production 3.Top 10 States With Most Area 4.State With Crop Production 5.States With The Crop Production Along With Season
3.	Amount Data to Rendered (DB2 Metrics)	The Dataset is trained and visualized using IBM Cognos and it is Connected to IBM Cloud
4.	Utilization of Data Filters	Visulizations are utilized inorder to filter the Data
5.	Effective User Story	No of Scene Added - 7
6.	Descriptive Reports	No of Visulizations / Graphs - 5

DASHBOARD :



VISUALIZATION CHARTS:

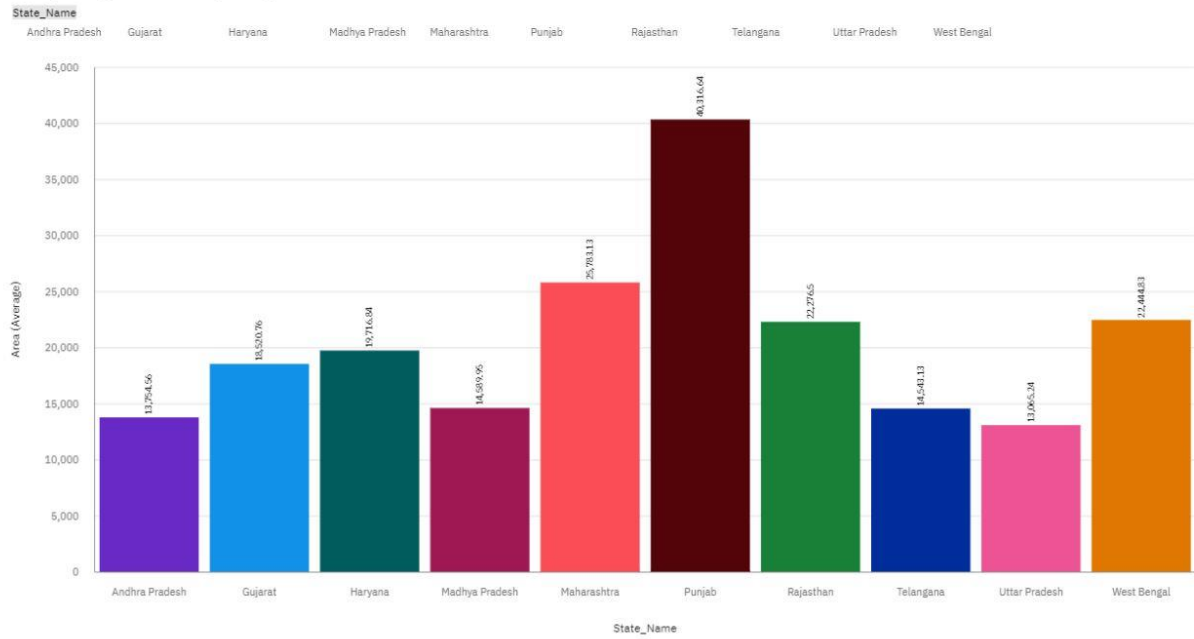




Tab 1		Tab 2		Tab 3		Tab 4		Tab 5			
State_Name and Crop		Season and Crop									
Crop	State_Name	Crop	Season								
Apples	Tamil Nadu	Apple	Whole Year								
	Andhra Pradesh										
	Haryana										
	Karnataka										
	Madhya Pradesh										
	Maharashtra										
	Rajasthan										
	Tamil Nadu										
Grapes	Telangana	Grapes	Whole Year								

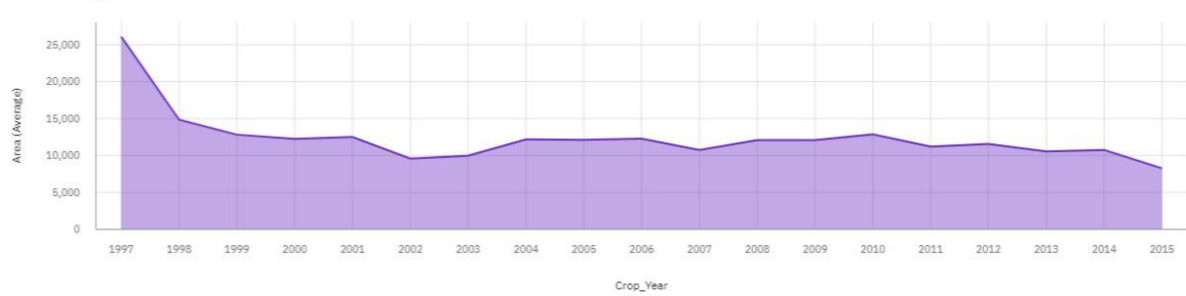
Tab 1 Tab 2 **Tab 3** +

Area by State_Name colored by State_Name



Tab 1 **Tab 2** +

Area by Crop_Year



Production by Crop_Year

