

**Project Development Phase**  
**Model Performance Test**

Date	10 November 2022
Team ID	PNT2022TMID20403
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	Values
1.	Dashboard design	Total number of Visualizations used in designing the dashboard- 8
2.	Data Responsiveness	Yes, CROP PRODUCTION DATASET. This 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 Dashboard,Report,Story,Visualization andExploratory data analytics(EDA)
4.	Utilization of Data Filters	Utilization of data filters - 4
5.	Effective User Story	No of Scene Added - 4 To create the Registration page of the Website To create the Login page of the Website To create the Dashboard page of the Website To work on the given dataset,Understand the Dataset Load the dataset to Cloud platform then Build the required Visualizations Using the Crop production in Indian dataset,create various graphs and charts to highlight the insights and visualizations. Build a Visualizations to showcase Average Crop Production by Seasons Showcase the Yearly usage of Area in Crop Production
6.	Descriptive Reports	No of Visulizations / Graphs - 5 Visualization1 - Average Crop Production by Seasons Visualization2 - Yearly usage of area in crop production Visualization3 - Top 10 States in Crop Yield Production by Are. Visualization 4 - Crop Production by State Visualization5 - Represent the States with Seasonal Crop Production using a Text representation

## SCREENSHOTS OF DASHBOARD:







