

## Project Development Phase (Model Performance Test)

Date	17 November 2022
Team ID	PNT2022TMID41618
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 Visualizations / Graphs – 5
2.	Data Responsiveness	Yes, the website is responsive completely, that is by resizing the browser window size as per the test scenario.
3.	Amount Data to Rendered (DB2 Metrics)	Totally there are <b>246092</b> records in the dataset.
4.	Utilization of Data Filters	Data Filter used in Estimate The Crop Yield is the Crop attribute.
5.	Effective User Story	<p>No of Scene Added – 8</p> <ul style="list-style-type: none"><li>• To create the Registration page of the Website</li><li>• To create the Log in page of the Website</li><li>• To create the Dashboard page of the Website</li><li>• To work on the given dataset, Understand the Dataset</li><li>• Load the dataset to Cloud platform then Build the required Visualizations</li><li>• Using the Crop production in Indian dataset, create various graphs and charts to highlight the insights and visualizations.</li><li>• Build a Visualizations to showcase Average Crop Production by Seasons</li><li>• Showcase the Yearly usage of Area in Crop Production</li></ul>

6.	Descriptive Reports	No of Visualizations / Graphs – 5 <ul style="list-style-type: none"> <li>• Visualization1 - Average Crop Production by Seasons</li> <li>• Visualization2 - Yearly usage of area in crop production</li> <li>• Visualization3 - Top 10 States in Crop Yield Production by Area</li> <li>• Visualization 4 - Crop Production by State</li> <li>• Visualization5 - Represent the States with Seasonal Crop Production using a Text representation</li> </ul>
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