

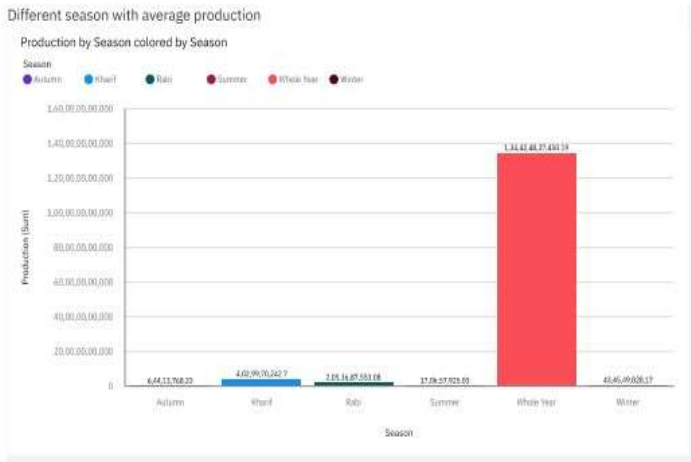
Project Development Phase Model Performance Test

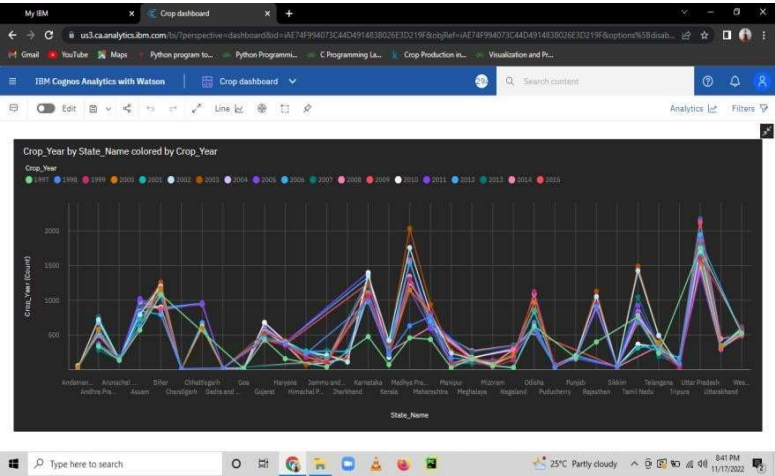
Date	17 November 2022
Team ID	PNT2022TMID13713
Project Name	Project – Estimated the Crop Yield Using Data Analytics
Maximum Marks	10 Marks

Model Performance Testing:

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

S.No.	Parameter	Screenshot / Values
1.	Dashboard design	<p>Dashboard consist of 5 graphs . it will be described in single page</p>

2.	Data Responsiveness	<p>Data will dynamically change if the dataset changes and graphs too changes.</p>  <p>Different season with average production</p> <p>Production by Season colored by Season</p> <p>Season:</p> <ul style="list-style-type: none">AutumnKharifRabiSummerKharif YearWinter <table><tr><th>Season</th><th>Production (Sum)</th></tr><tr><td>Autumn</td><td>6,44,11,708.20</td></tr><tr><td>Kharif</td><td>4,69,96,30,242.9</td></tr><tr><td>Rabi</td><td>2,18,14,87,553.18</td></tr><tr><td>Summer</td><td>37,78,57,823.00</td></tr><tr><td>Kharif Year</td><td>1,31,47,44,37,491.19</td></tr><tr><td>Winter</td><td>48,45,49,006.17</td></tr></table>	Season	Production (Sum)	Autumn	6,44,11,708.20	Kharif	4,69,96,30,242.9	Rabi	2,18,14,87,553.18	Summer	37,78,57,823.00	Kharif Year	1,31,47,44,37,491.19	Winter	48,45,49,006.17																												
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3.	Amount Data to Rendered (DB2 Metrics)	<p>Instead of using DB2 Metrics we used cognos analytics.</p>  <p>Service Details - IBM Cloud</p> <p>IBM DB2 on Cloud</p> <p>Load Data Load History Tables Views Indexes Aliases MQTs Sequences Application objects</p> <p>WWX38161.CROP1</p> <p>Back</p> <p>Export to CSV</p> <table><tr><th>STATE_NAME</th><th>DISTRICT_NAME</th><th>CROP_YEAR</th><th>SEASON</th><th>CROP</th><th>AREA</th><th>PRODUCTION</th></tr><tr><td>Andaman and Nicobar Islands</td><td>NICOBARS</td><td>2000</td><td>Kharif</td><td>Arecanut</td><td>1254.00</td><td>2000.00</td></tr><tr><td>Andaman and Nicobar Islands</td><td>SOUTH ANDAMANS</td><td>2010</td><td>Rabi</td><td>Urad</td><td>34.00</td><td>15.05</td></tr><tr><td>Andaman and Nicobar Islands</td><td>SOUTH ANDAMANS</td><td>2010</td><td>Rabi</td><td>Turmeric</td><td>10.00</td><td>105.00</td></tr><tr><td>Andaman and Nicobar Islands</td><td>SOUTH ANDAMANS</td><td>2010</td><td>Rabi</td><td>Sweet potato</td><td>32.00</td><td>235.00</td></tr><tr><td>Andaman and Nicobar Islands</td><td>SOUTH ANDAMANS</td><td>2010</td><td>Rabi</td><td>Sunflower</td><td>1.00</td><td>0.00</td></tr></table> <p>Items per page: 50 1-60 items</p> <p>1 page 1</p>	STATE_NAME	DISTRICT_NAME	CROP_YEAR	SEASON	CROP	AREA	PRODUCTION	Andaman and Nicobar Islands	NICOBARS	2000	Kharif	Arecanut	1254.00	2000.00	Andaman and Nicobar Islands	SOUTH ANDAMANS	2010	Rabi	Urad	34.00	15.05	Andaman and Nicobar Islands	SOUTH ANDAMANS	2010	Rabi	Turmeric	10.00	105.00	Andaman and Nicobar Islands	SOUTH ANDAMANS	2010	Rabi	Sweet potato	32.00	235.00	Andaman and Nicobar Islands	SOUTH ANDAMANS	2010	Rabi	Sunflower	1.00	0.00
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4.	Utilization of Data Filters	<p>Data filters was used to find the top most of the data in form of visualization.</p> 
5.	Effective User Story	<p>Our project story with simple UI desgin model.</p> 