

Project Development Phase
Model Performance Test &
Execution Test

Date	18 November 2022
Team ID	PNT2022TMID27387
Project Name	Estimate The Crop Yield Using Data Analytics
Maximum Marks (Performance Test)	10 Marks
Maximum Marks (Execution Test)	4 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>No of Visualizations / Graphs – 4 / 16</p> <p>"https://us3.ca.analytics.ibm.com/bi/?perspective=dashboard&pat;pathRef=.public_folders%2FDATA%2BMODULE%2BDb2%2FDashboard%2Busing%2BIBM%2BDb2&closeWindowOnLastView=true&amp;ui_appbar=false&ui_navbar=false&shareMode=embedded&amp;action=view&mode=dashboard&subView=model0000018462c23cbc_00000000" width="320" height="200" frameborder="0" gesture="media" allow="encrypted-media" allowfullscreen=""></iframe></p>
2.	Data Responsiveness	<p>CROP PRODUCTION DATASET</p> <p>The dataset contains 7 rows and 246091 record and dataset contains different state name, different district name, crop year ,crop, area, season and production</p>
3.	Amount Data to Rendered (DB2 Metrics)	<p>To connect IBM Db2 database cloud with cognos analytics</p> <p>By using IBM Db2 to create Dashbord,Report,Story,Visualization andExploratory data analytics(EDA)</p>
4.	Utilization of Data Filters	Utilization of data filters - 25

5.	Effective User Story	<p>No of Scene Added – 12</p> <pre> <iframe src="https://us1.ca.analytics.ibm.com/bi/?perspective=story&p ath Ref=.my_folders%2Fdb%2Bstory%2Bon%2Bcrop%2Bproduction & closeWindowOnLastView=true&ui_appbar=false&ui_nav bar=f alse&shareMode=embedded&action=view&sceneId =model0000018452cdd762_00000000&sceneTime=0" width="320" height="200" frameborder="0" gesture="media" allow="encrypted- media" allowfullscreen=""></iframe> </pre>
6.	Descriptive Reports	<p>No of Visualizations / Graphs – 1 / 6</p> <pre> <iframe src="https://us3.ca.analytics.ibm.com/bi/?pathRef=.my_folders%2F REP ORT%2FPROJECT%2BREPORT%2BUSING%2BIBM%2Bdb2..& &closeW indowOnLastView=true&ui_appbar=false&ui_navbar=fals e&a mp;shareMode=embedded&action=run&format=HTML& & ;prompt=false" width="320" height="200" frameborder="0" gesture="media" allow="encrypted-media" allowfullscreen=""></iframe> </pre>

1. Purpose of Document

The purpose of this document is to briefly explain the test coverage and open issues of [Estimation of crop yield analysis] project at the time of the release to User Acceptance Testing (UAT).

2. Defect Analysis

This report shows the number of resolved or closed bugs at each severity level, and how they were resolved

Resolution	Severity 1	Severity 2	Severity 3	Severity 4	Subtotal
By Design	8	3	1	5	17
Duplicate	1	2	2	0	5
External	4	3	0	1	8
Fixed	14	1	3	15	33
Not Reproduced	0	0	1	0	1
Skipped	1	1	1	0	3
Won't Fix	1	2	4	0	7
Totals	29	12	12	21	74

3. Test Case Analysis

This report shows the number of test cases that have passed, failed, and untested

Section	Total Cases	Not Tested	Fail	Pass
User Acceptance	4	0	0	4
Client Application	45	0	2	43
Security	3	0	0	3
Outsource Data	5	0	0	5
Exception Reporting	9	0	0	9
Final Report Output	4	0	0	4
Version Control	2	0	0	2