

Project Development Phase
Model Performance Test

Date	18 November 2022
Team ID	PNT2022TMID21478
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	<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_ap;pb;ar=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	<p>Utilization of data filters - 25</p>

5.	Effective User Story	<p>No of Scene Added – 6</p> <pre> <iframe src="https://us1.ca.analytics.ibm.com/bi/?perspective=story&p ath Ref=.my_folders%2Fdb2%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>

REPORT:

Production by State_Name 1

State_Name

Chandigarh

Manipur

Tripura

Chhattisgarh

Telangana

Madhya Pradesh

Mizoram

Arunachal Pradesh

Nagaland

Uttarakhand

Bihar

Goa

Dadra and Nagar Haveli

Jharkhand

Jammu and Kashmir

Odisha

Haryana

Gujarat

Sikkim

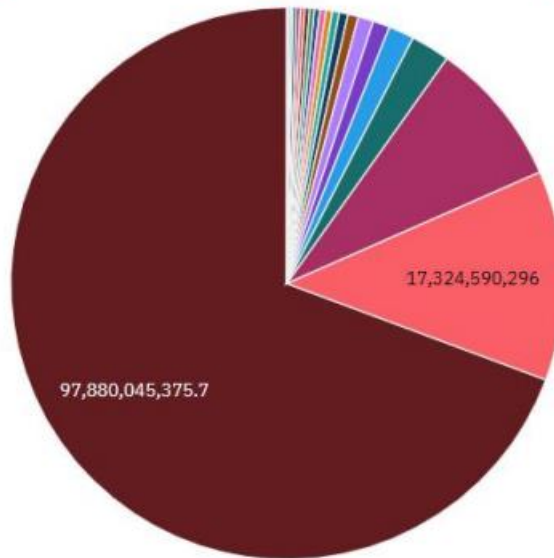
Meghalaya

Himachal Pradesh

Rajasthan

Puducherry

Delhi



Production (Sum)

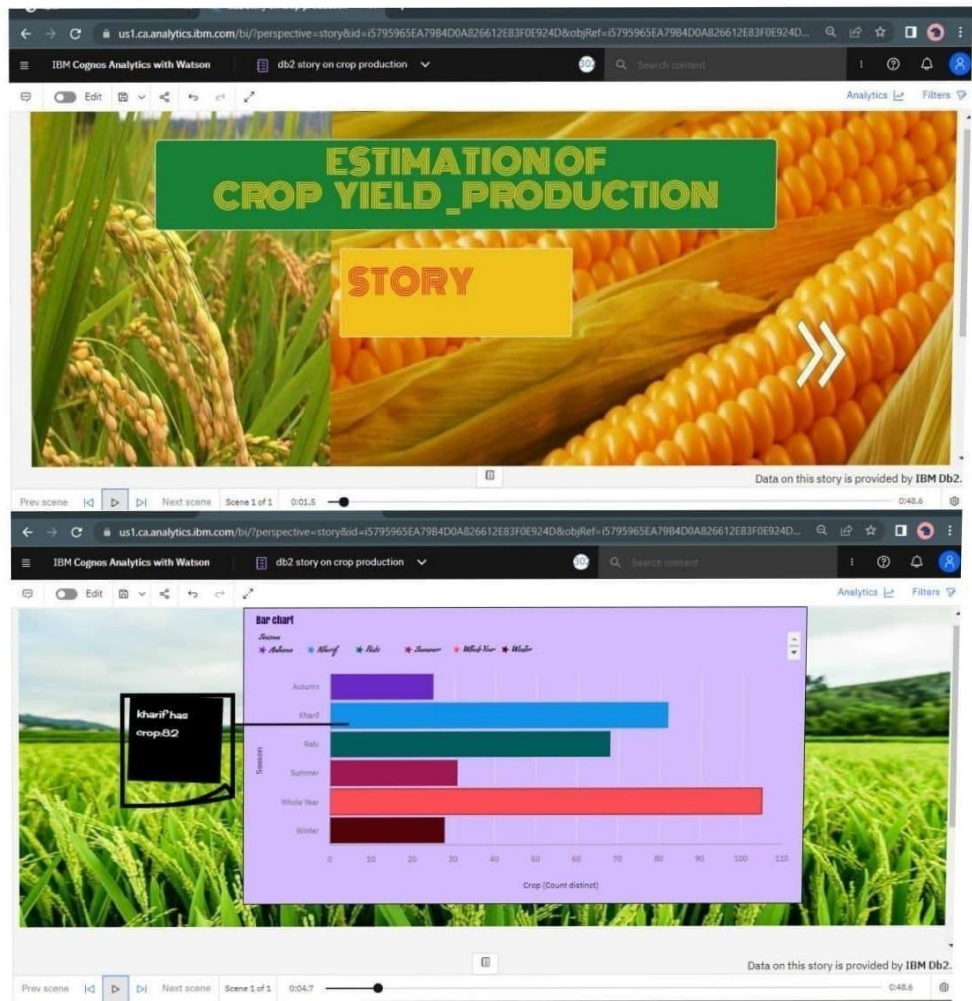


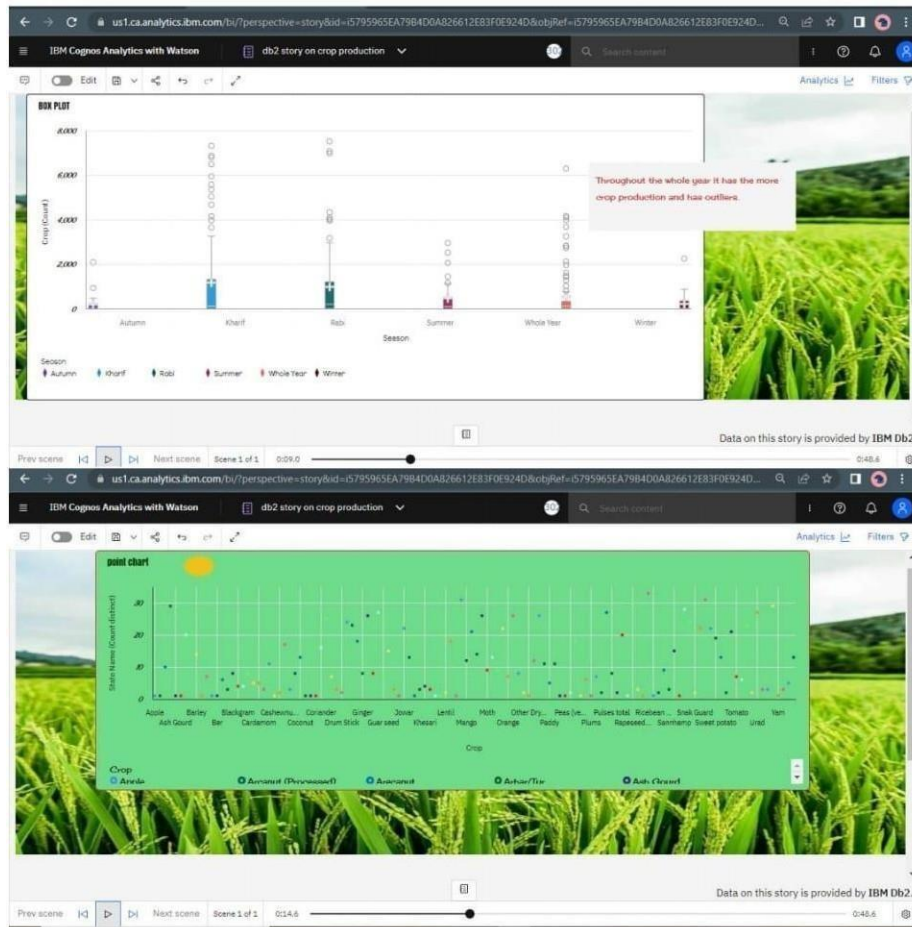
63,956.5

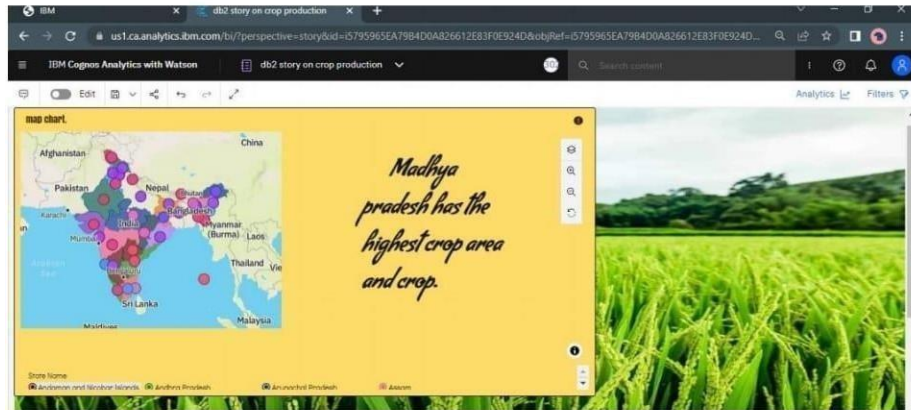
97,880,045,375.7



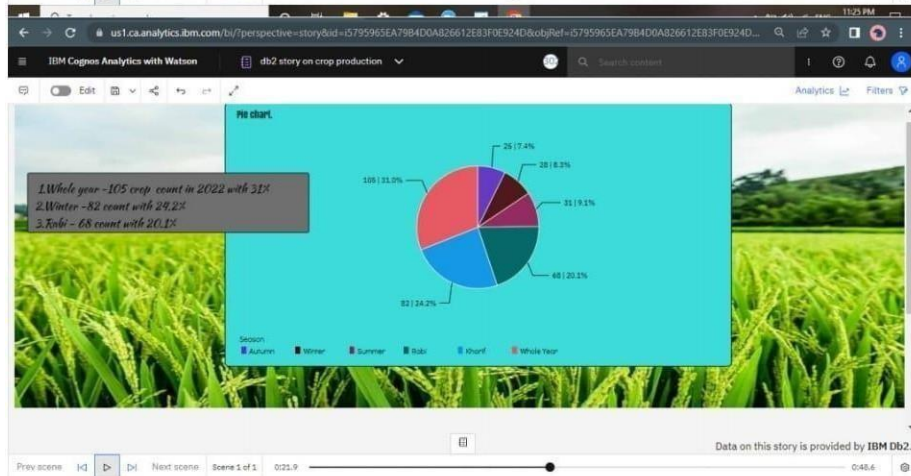
STORY:







Prev scene | Next scene | Scene 1 of 1 | 0:18.6 | 0:48.6 | 11:25 PM

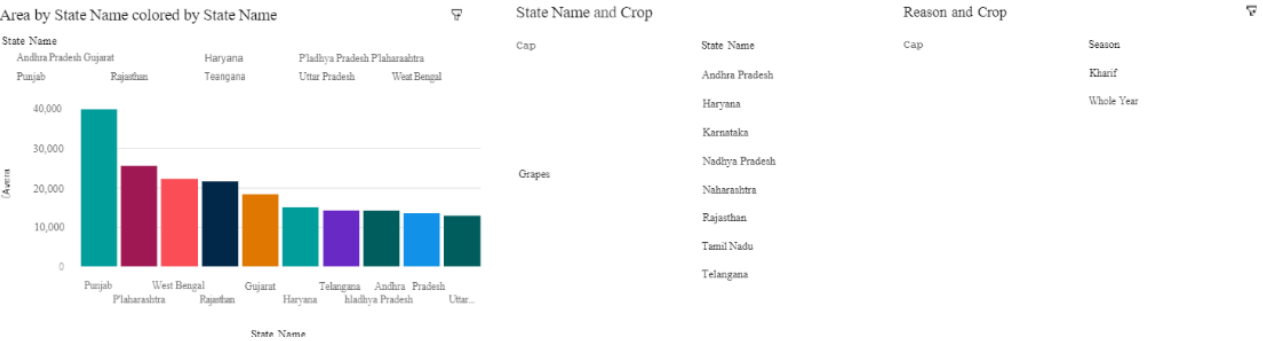
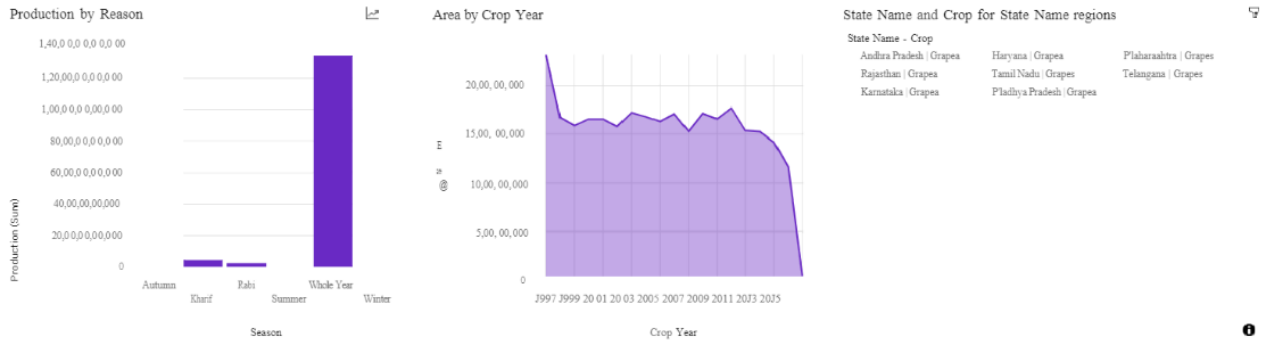


Prev scene | Next scene | Scene 1 of 1 | 0:21.9 | 0:48.6 | 11:25 PM

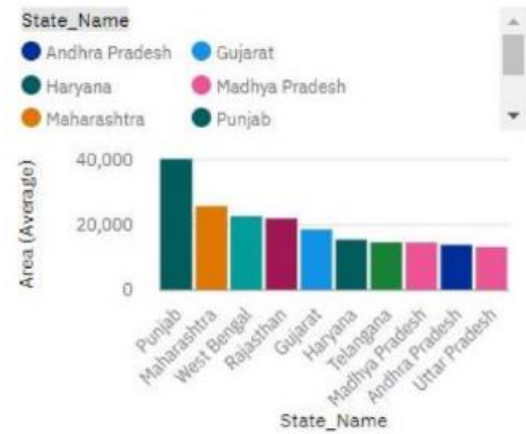


DASHBOARD:

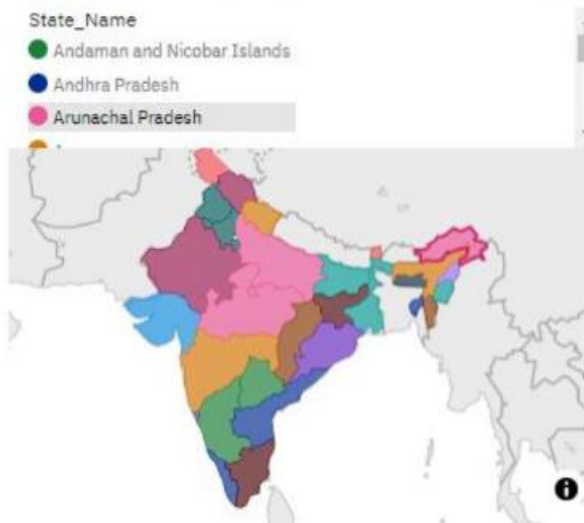
1. States With Average Productions 2. States With Years Using Area Production 3. Top 10 States With Most Area 4. State With Crop Production 5. State With The Highest Area and With Season Dashboard



top 10 states in crop yield
production by area



the crop production by state



Season and Crop

Crop	Season
Apple	Whole Year
Arca nut (Process...	Whole Year
Areca nut	Kharif
	Rabi
	Whole Year
Arhar/Tur	Autumn
	Kharif
	Rabi
	Summer

