

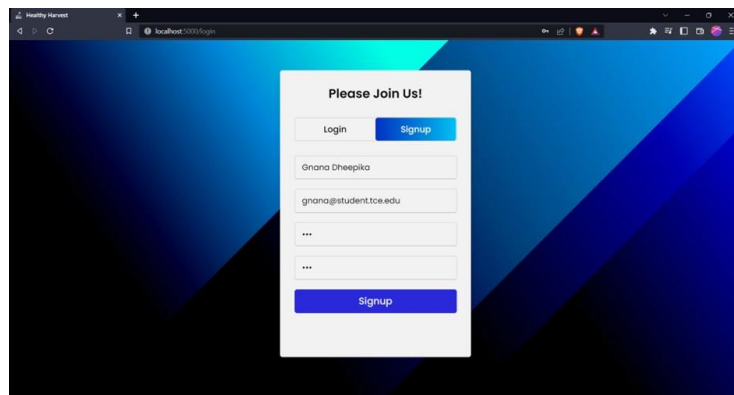
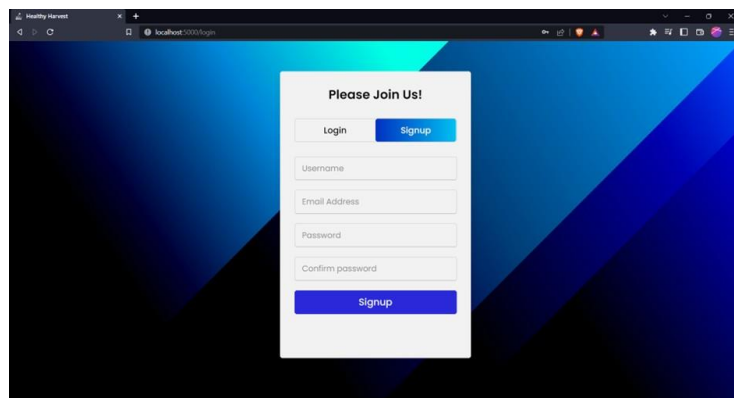
Project Development Phase Model Performance Test

Date	10 November 2022
Team ID	PNT2022TMID41618
Project Name	Estimate the crop yield using data analytics
Maximum Marks	10 Marks

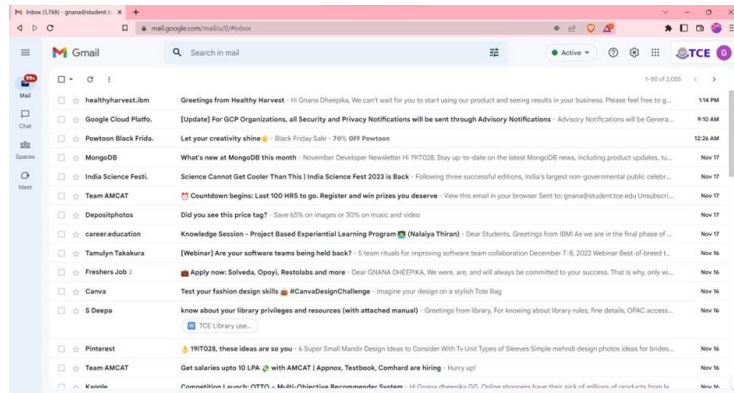
Model Performance Testing:

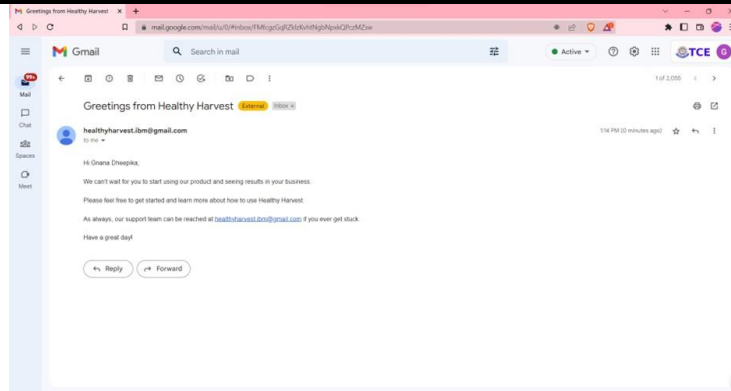
Project team shall fill the following information in the model performance testing template.

S.N o.	Parameter	Screenshot / Values																														
1.	Dashboard design	No of Visulizations / Graphs - 5																														
2.	Data Responsiveness	<div><div>Range: 270 ms – 1.14 s</div><div><div><div><div></div><div></div><div></div><div></div><div></div><div></div></div><div>874 ms</div></div><div><div>8 ms Loading</div><div>565 ms Scripting</div><div>8 ms Rendering</div><div>2 ms Painting</div><div>39 ms System</div><div>252 ms Idle</div><div>874 ms Total</div></div></div></div>																														
3.	Amount Data to Rendered (DB2 Metrics)	<table><thead><tr><th>Name</th><th>Status</th><th>Size</th><th>Time</th><th>Waterfall</th></tr></thead><tbody><tr><td> home.css</td><td>200</td><td>3.1 kB</td><td>234 ms</td><td></td></tr><tr><td> jquery.min.js</td><td>200</td><td>31.0 kB</td><td>164 ms</td><td></td></tr><tr><td> angular.min.js</td><td>200</td><td>62.3 kB</td><td>350 ms</td><td></td></tr><tr><td> plotly-latest....</td><td>200</td><td>1.0 MB</td><td>2.32 s</td><td></td></tr><tr><td> logo-black.png</td><td>200</td><td>34.3 kB</td><td>6 ms</td><td></td></tr></tbody></table> <div>8 requests 1.2 MB transferred 3.9 MB resources Finish: 3.34 s DOMContentLoaded: 2.95 s Load: 2.99 s</div>	Name	Status	Size	Time	Waterfall	home.css	200	3.1 kB	234 ms		jquery.min.js	200	31.0 kB	164 ms		angular.min.js	200	62.3 kB	350 ms		plotly-latest....	200	1.0 MB	2.32 s		logo-black.png	200	34.3 kB	6 ms	
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4.	Utilization of Data Filters	<div><div>Filter State</div><div>Filter District</div><div>Filter Crop Year</div><div>Filter Season</div><div>Filter Crop</div></div> <table><thead><tr><th>State</th><th>District</th><th>Crop Year</th><th>Season</th><th>Crop</th><th>Area</th><th>Production(In Tons)</th></tr></thead><tbody><tr><td>Tamil Nadu</td><td>MADURAI</td><td>2022</td><td>Whole Year</td><td>Cabbage</td><td>20</td><td>1582.4</td></tr><tr><td>Andhra Pradesh</td><td>ANANTAPUR</td><td>2023</td><td>Winter</td><td>Beet Root</td><td>100</td><td>0</td></tr><tr><td>Tamil Nadu</td><td>COIMBATORE</td><td>2023</td><td>Winter</td><td>Tea</td><td>150</td><td>1709.52</td></tr></tbody></table>	State	District	Crop Year	Season	Crop	Area	Production(In Tons)	Tamil Nadu	MADURAI	2022	Whole Year	Cabbage	20	1582.4	Andhra Pradesh	ANANTAPUR	2023	Winter	Beet Root	100	0	Tamil Nadu	COIMBATORE	2023	Winter	Tea	150	1709.52		
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5.	Effective User Story	No of Scene Added - USN-1																														

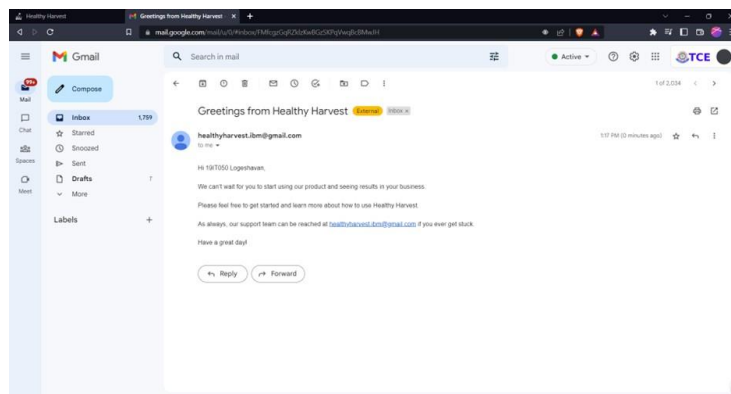
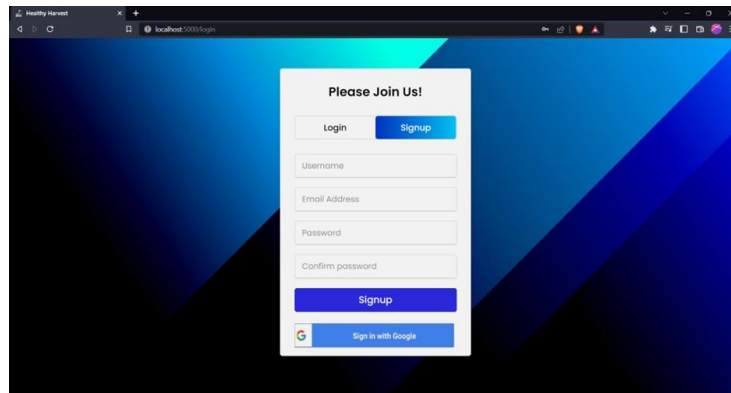


USN - 2

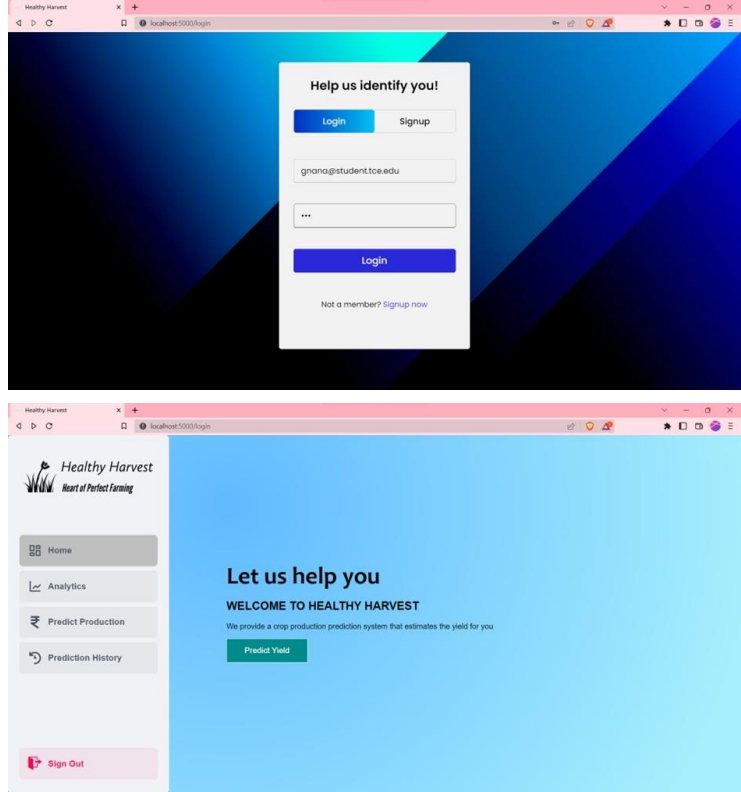




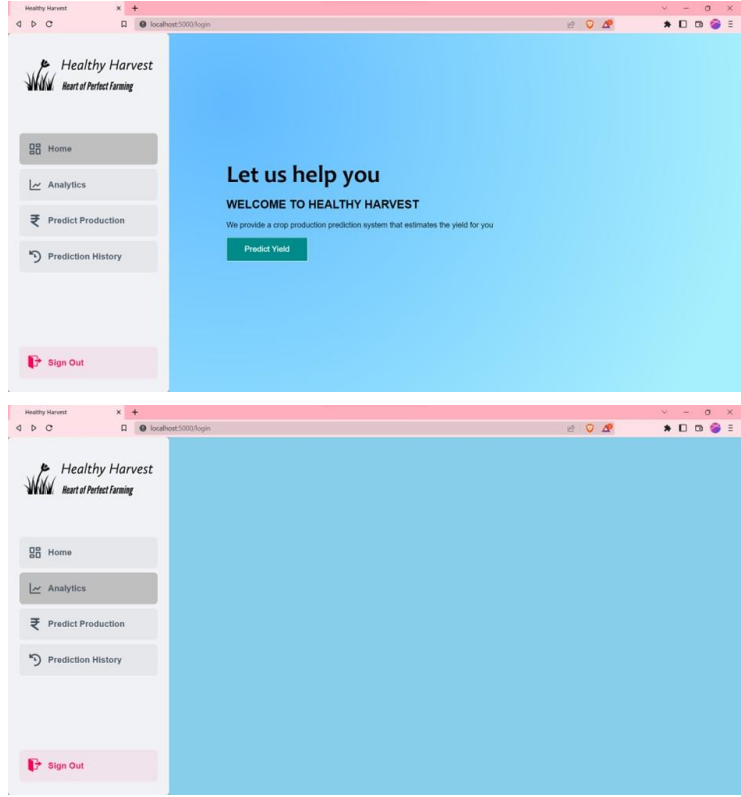
USN - 4

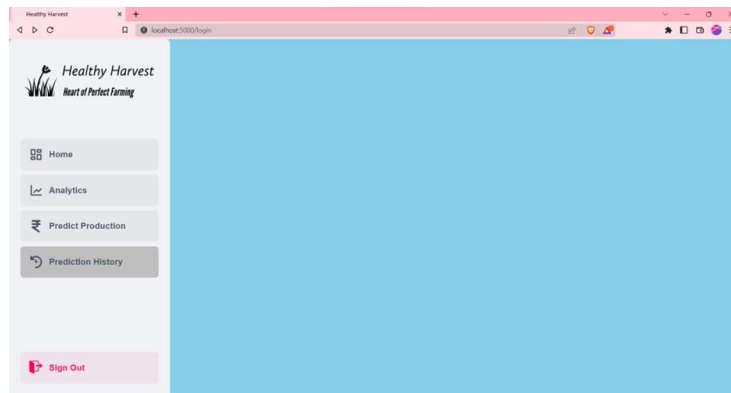
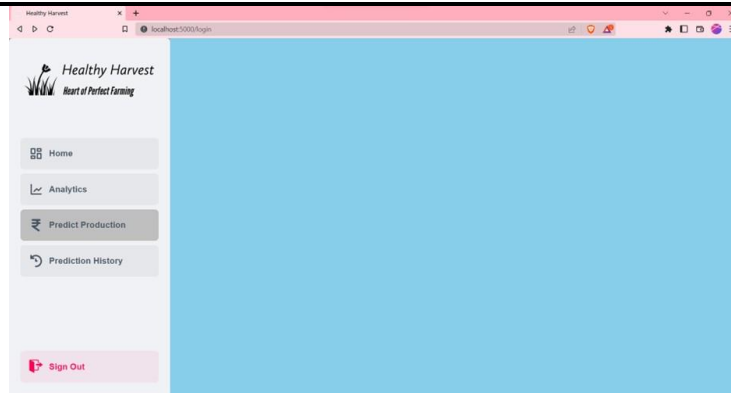


USN - 5



USN - 6



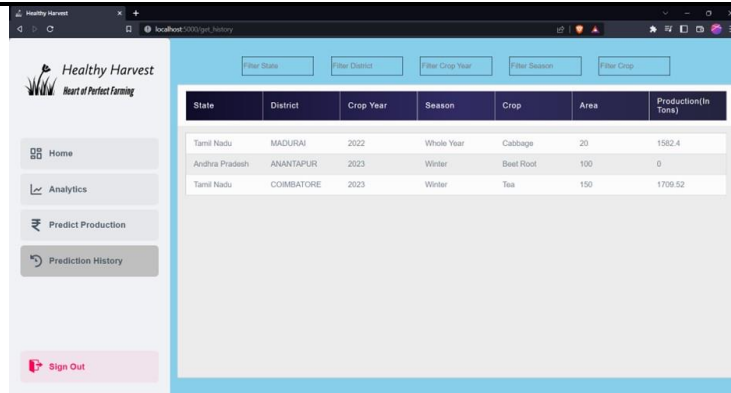


USN - 9

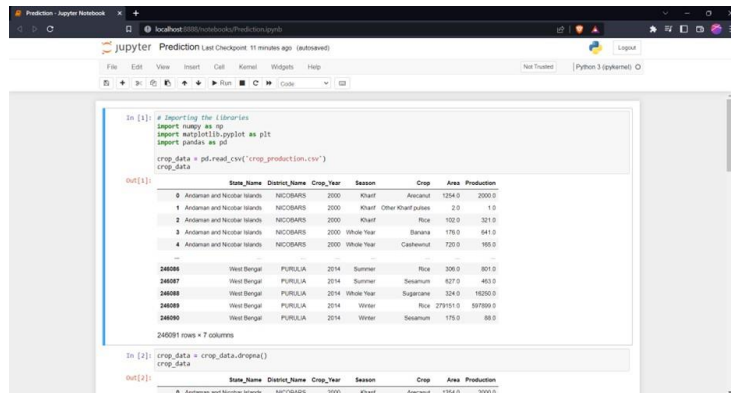
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▶	id	int	NO	PRI	NULL	auto_increment
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	password	varchar(255)	NO		NULL	
	email	varchar(100)	NO		NULL	

	id	username	password	email
▶	1	Gnana Dheepika	123	gnana@student.tce.edu
	2	19IT050 Logeshavan	113274633837860008166	logeshavan@student.tce.edu
		NULL	NULL	NULL

USN-8



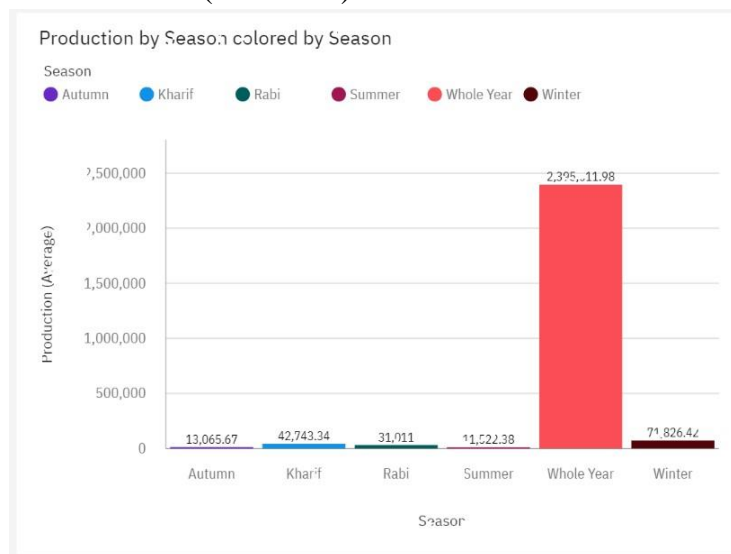
USN-10



6. Descriptive Reports

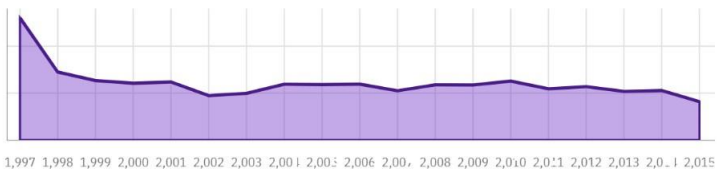
No of Visualizations / Graphs -

1. Seasons with Average productions
2. With years usage of area and production
3. Top 10 states with most area
4. State with crop production
5. States with the crop production along with season (text table)



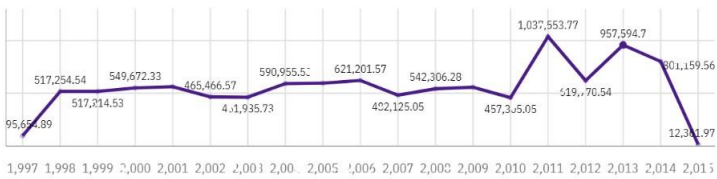
Area by Crop_Year

1



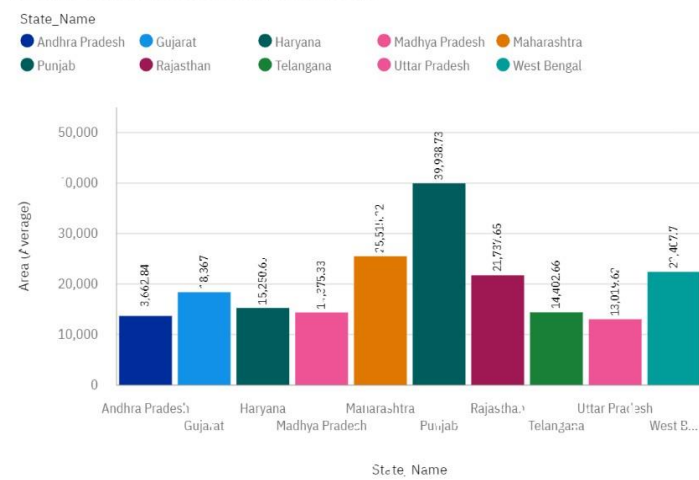
Production by Crop_Year

2



Area by State_Name colored by State_Name

1



Crop

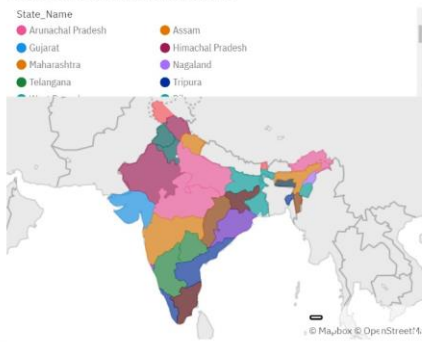
Q ...

Q Search

- ☐ Apple
- ☐ Arcanut (Processed)
- ☐ Arcanut
- ☐ Arhar/Tur
- ☐ Ash Gourd
- ☐ Atcanut (Raw)
- ☐ Bajra
- ☐ Banana
- ☐ Barley
- ☐ Bean

Apply

State_Name for State_Name regions



State_Name and Crop1

Crop	State_Name
Apple	Tamil Nadu
Arca nut (P ocessed)	Karnataka
Areca nut	Andaman and Nicobar I...
	Andhra Pradesh
	Assam
	Goa
	Karnataka
	Kerala
	Meghalaya
	Puducherry
	Tamil Nadu

Season and Crop2

Crop	Season
Apple	Whole Year
Areca nut	Whole Year
Arhar/Tur	Kharif
	Whole Year
Ash Gourd	Whole Year
Bajra	Kharif
	Rabi
	Whole Year
Banana	Kharif
	Whole Year
Beans & Mutter(Vegetab...	Whole Year