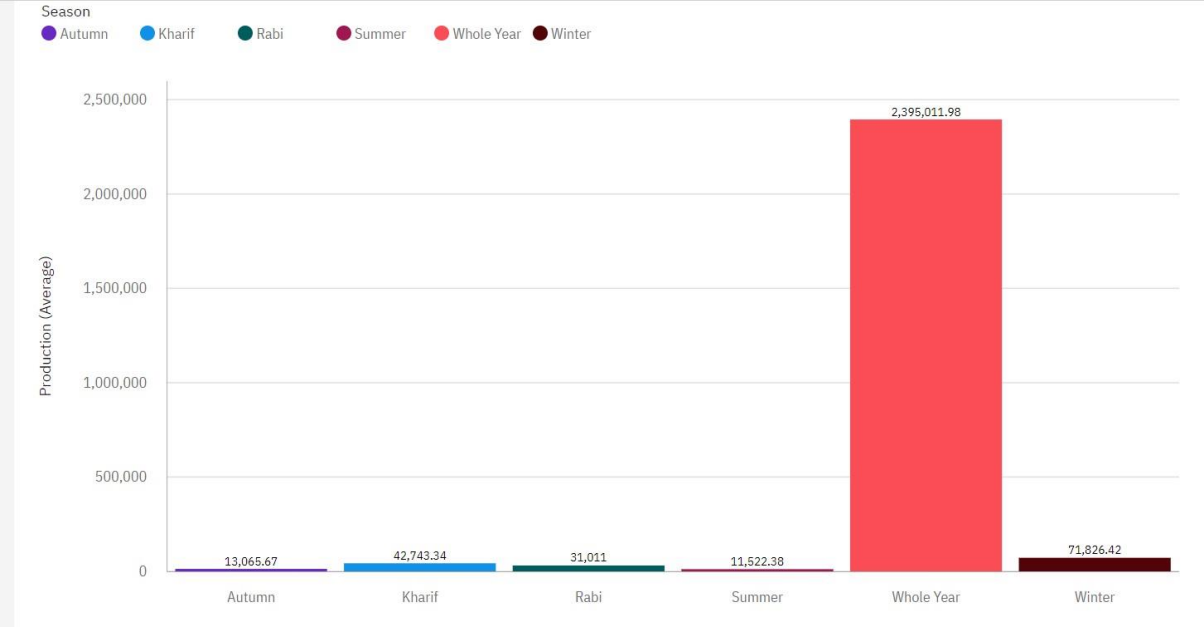
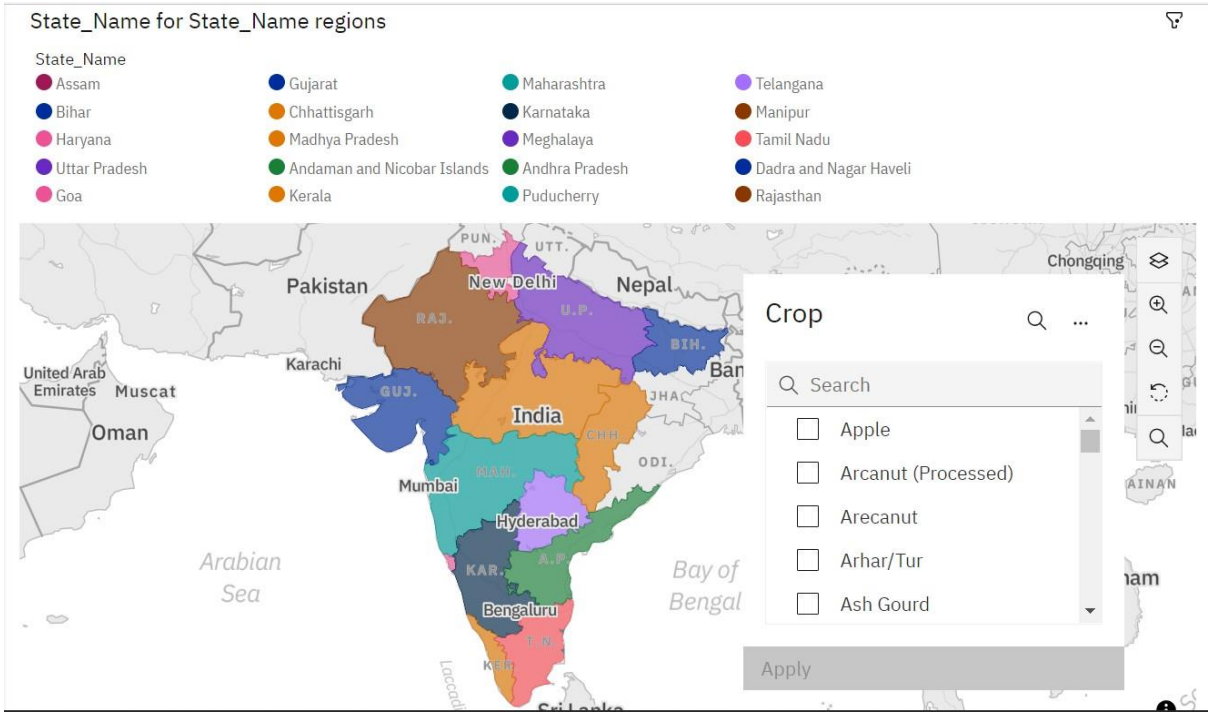
Team Id	PNT2022TMID08360
DATE	25 NOVEMBER 2022

STORY TELLING

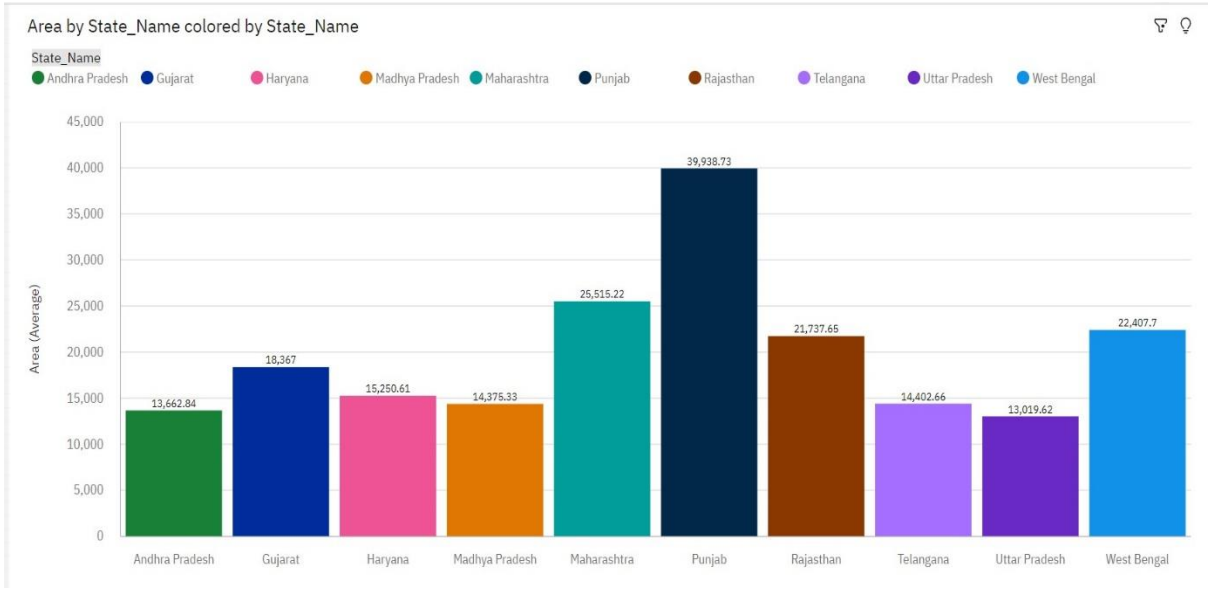
(ESTIMATION OF CROP YIELD PREDICTION)



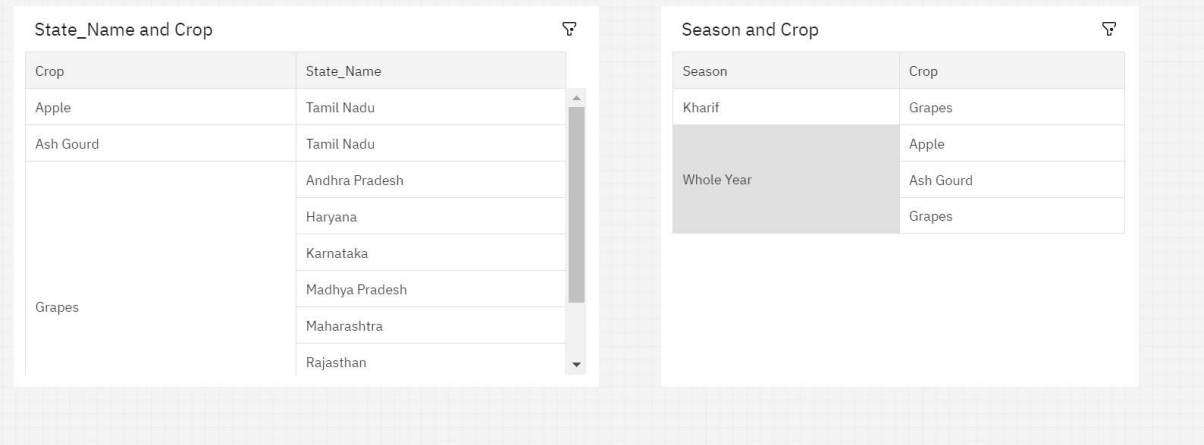
*This shows winter is first with production with 71,582.64 and kharif is second with 42,743.34 and autumn,rabi,summer.the overall production of the years is 2,315,011.98 which indicates winter is the best to cultivate the suitable crops which yield high crops



*This shows most of the Indian states support for the crops cultivations and expecially Andhara Pradesh,tamilnadu,Haryana etc are the states which is very supportable for cultivating the different type of crop.but some states only cultivate certain crops like kerala :rubber and tea and Kashmir: apple etc

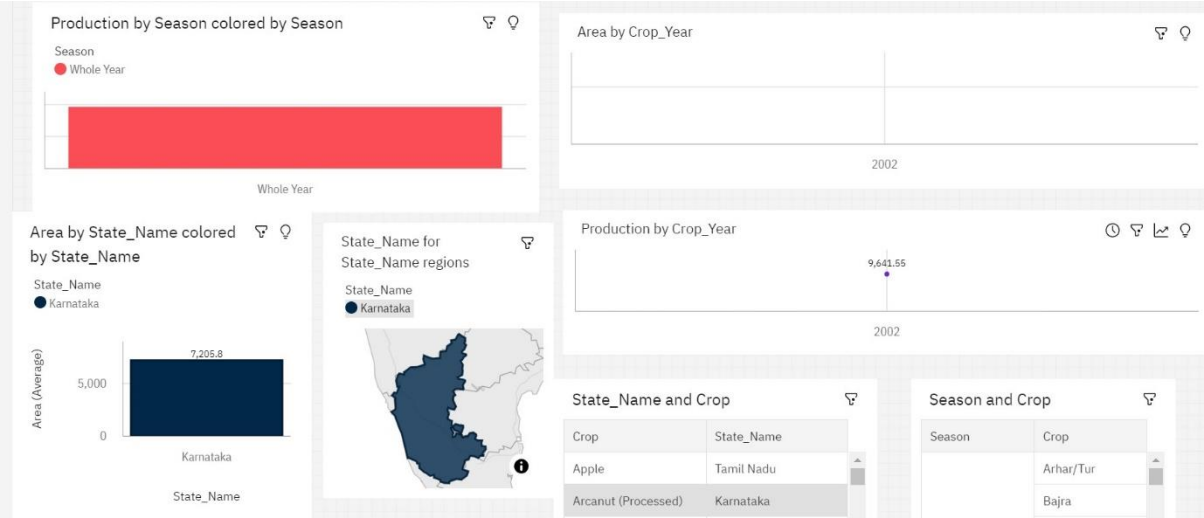


*This is the data of top 10 states with high production of crops.Each and every states produce some certain crop in high level but this is the data of states with high production of such crops.in this Punjab stands first and maharastra second,west Bengal third respectively.



*In this the crops with seasonal data of states is described.From this data we can come to know, there are some certain crops from certain seasons and states that produce that special crop.Hence from this data we can decide better crop for better season.Example for whole year apple,grapes and ash ground give better yield in Kashmir,Rajasthan and Tamilnadu respectively

*This graph shows the overall production of crops in india from 1997 to 2015.due to some green revolution in 1970 in india the production of crop increased gradually and year 2011 is the year with great production.as per the law of graph,where there is peak in graph it indicates the future of drops,the production of crop decreased gradually.this is because of insufficient rainfall and and urbanization cause the decrease of cultivation lands which results in reduction of production in crop



*from this visualization we can understand the production of crop condition in india, we can predicate the yield of crop by comparing the yields with the crops and the years respectively.mostly the rice and wheat are the important crop in india and there is the decrease in the production of this crop.Hence we can increase it by choosing right crop for the production according to the climatic conditions and overall data of past years and soil conditions through our additional project of predicting crop using machine learning

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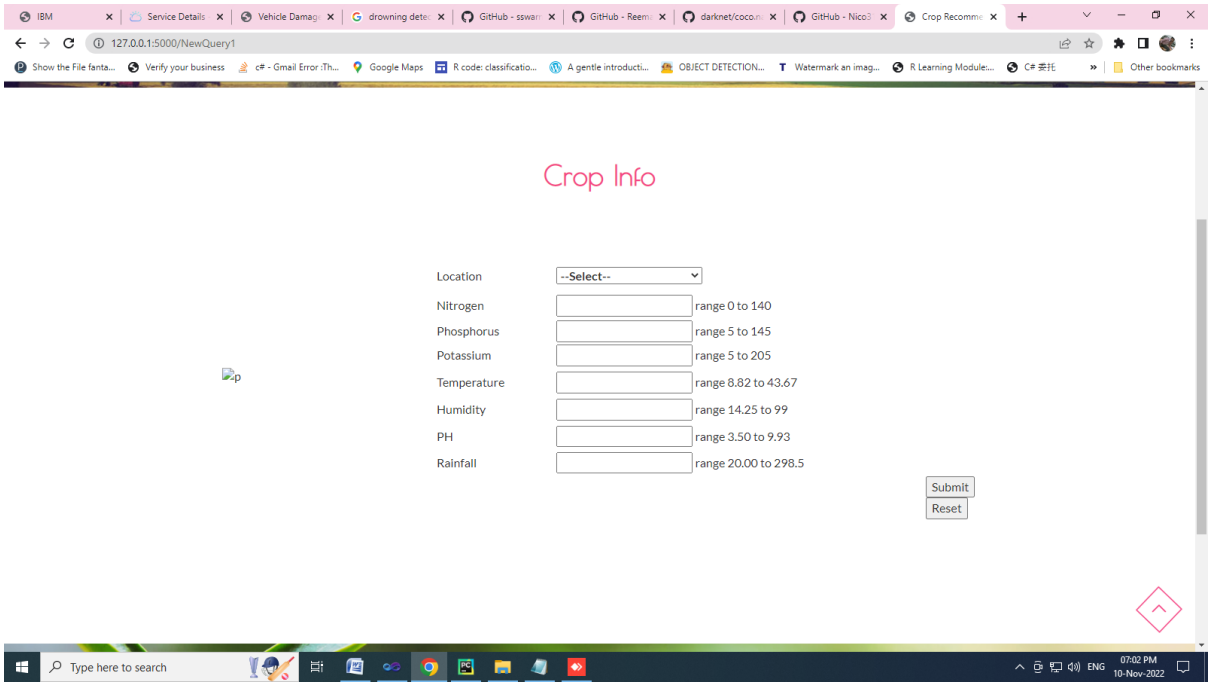
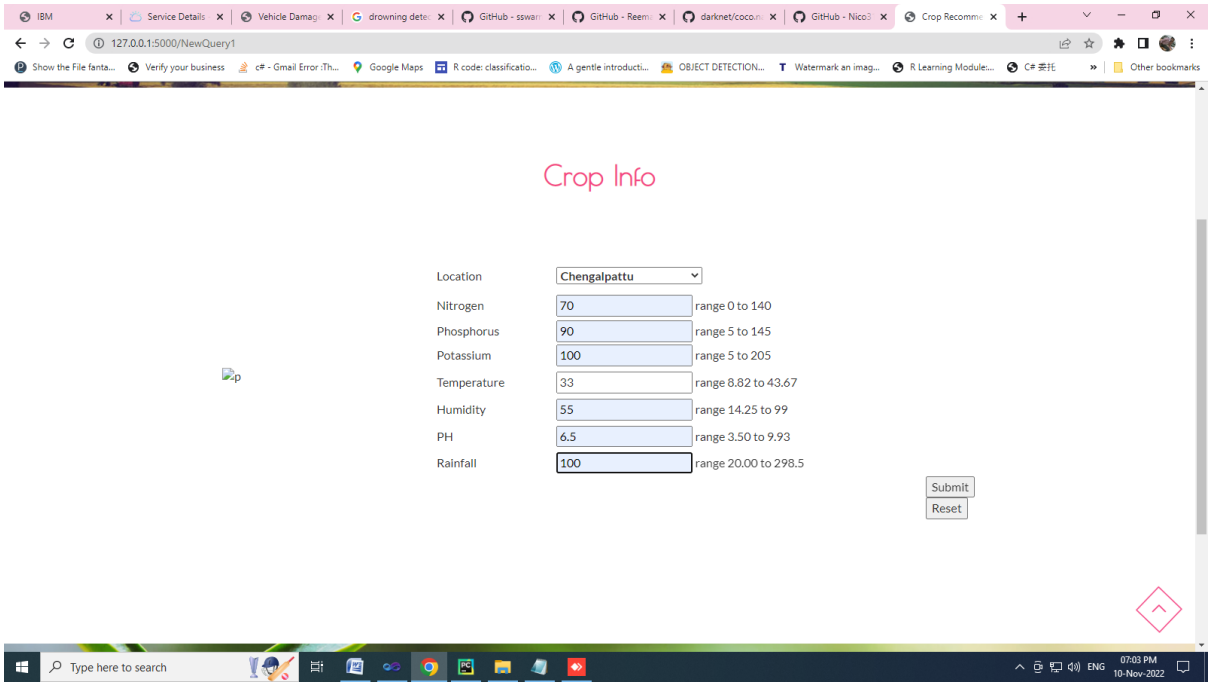
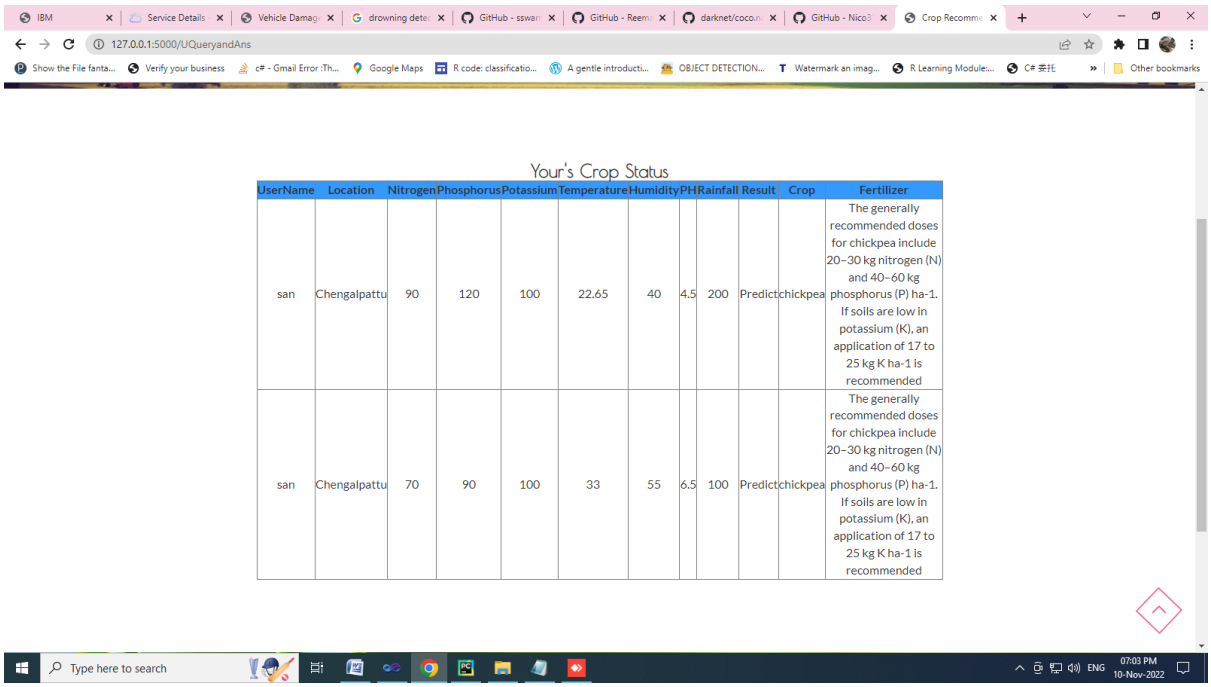
*In this platform we can predict the exact crop for the better yield



*by providing the above details clearly and exactly





Your's Crop Status

UserName	Location	Nitrogen	Phosphorus	Potassium	Temperature	Humidity	PH	Rainfall	Result	Crop	Fertilizer
san	Chengalpattu	90	120	100	22.65	40	4.5	200	Predict	chickpea	The generally recommended doses for chickpea include 20–30 kg nitrogen (N) and 40–60 kg phosphorus (P) ha-1. If soils are low in potassium (K), an application of 17 to 25 kg K ha-1 is recommended
san	Chengalpattu	70	90	100	33	55	6.5	100	Predict	chickpea	The generally recommended doses for chickpea include 20–30 kg nitrogen (N) and 40–60 kg phosphorus (P) ha-1. If soils are low in potassium (K), an application of 17 to 25 kg K ha-1 is recommended

*we can predict the better crop with additional information of suitable fertilizer can be used for that crop

******THANK YOU******