ESTIMATION OF CROP YIELD USING DATA ANALYTICS

SPRINT – 3

DASHBOARD CREATION

STEPS TO ENTER AND UPLOAD DATA IN IBM COGNOS ANALYTICS:

1.In web browser enter IBM COGNOS WITH WATSON

2.If not having account create it or already a user enter into it.

3.In left most corner ,click on open menu and select upload data.

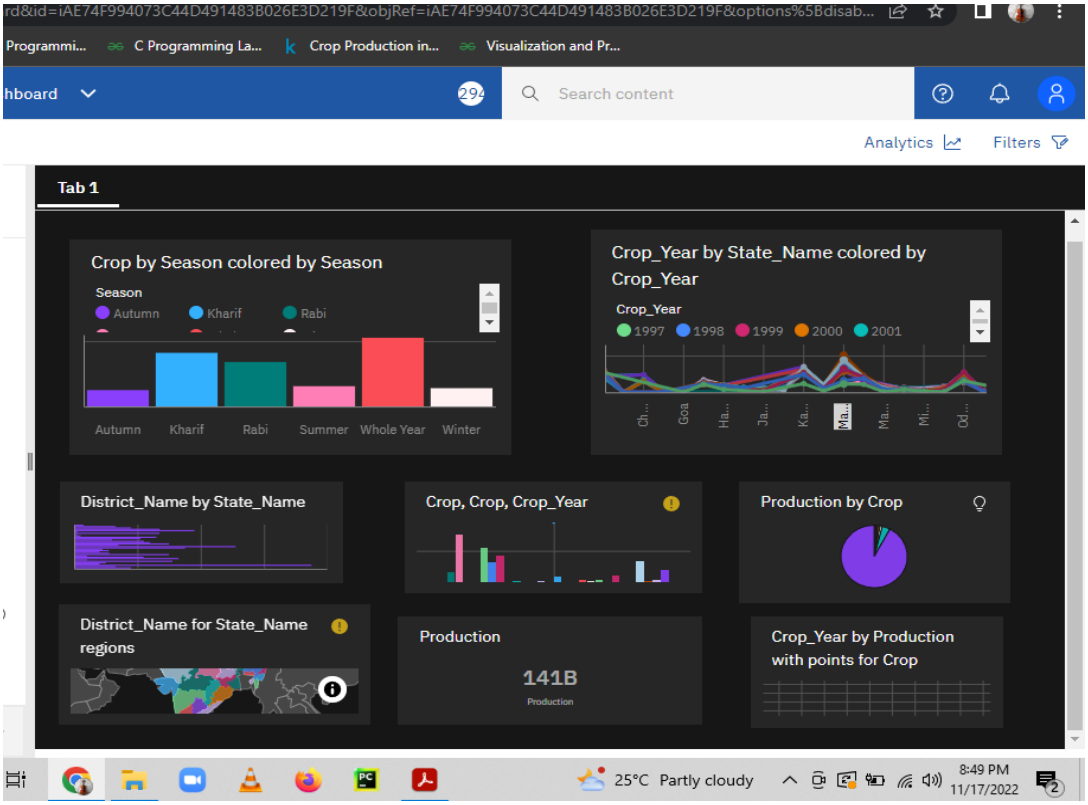
4.In that you can upload your csv files or any files.

5.To view uploaded data ,go to content->my content

6.For dashboard creation in the open menu select new->dashboard

7.After creating dashboard you can upload data select visualization and create dashboard with various types of visualization.

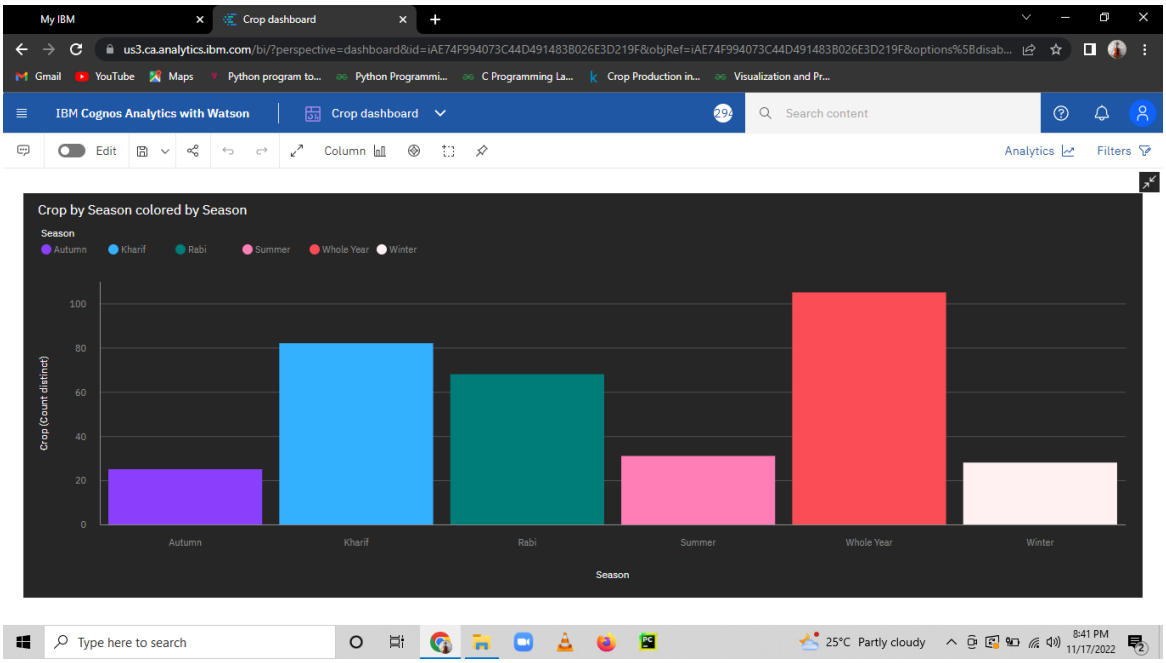
DASHBORD- 1:



In this dashboard-1 there are information about crop , seasons, crop year, states and districts , and its production.

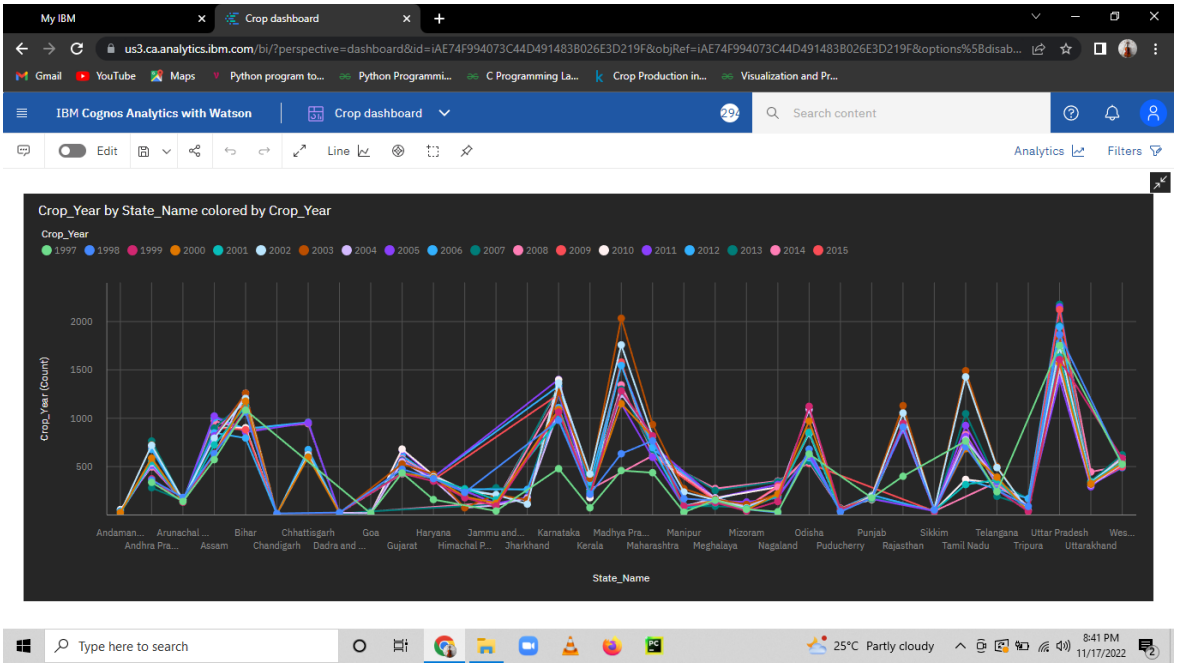
1.CROP BY SEASON:

This gives information about the types of seasons and crops planted in that seasons.



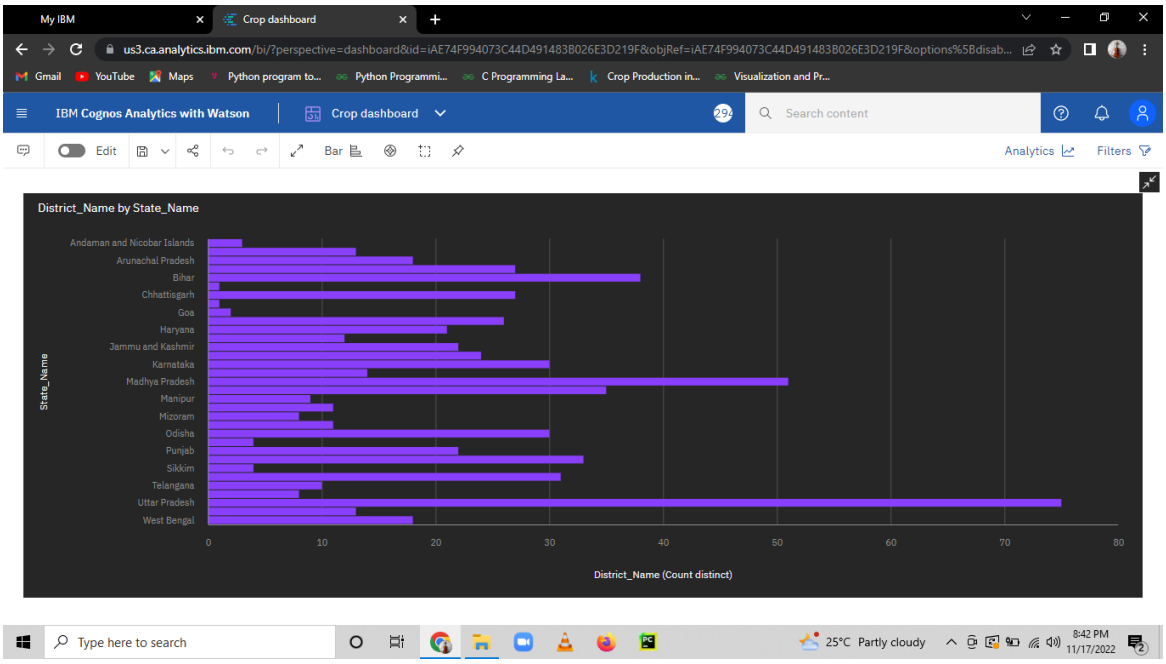
2.CROP YEAR BY STATE NAME:

The details about in which year which crop is produced and in which state it is cultivated is analyzed here.



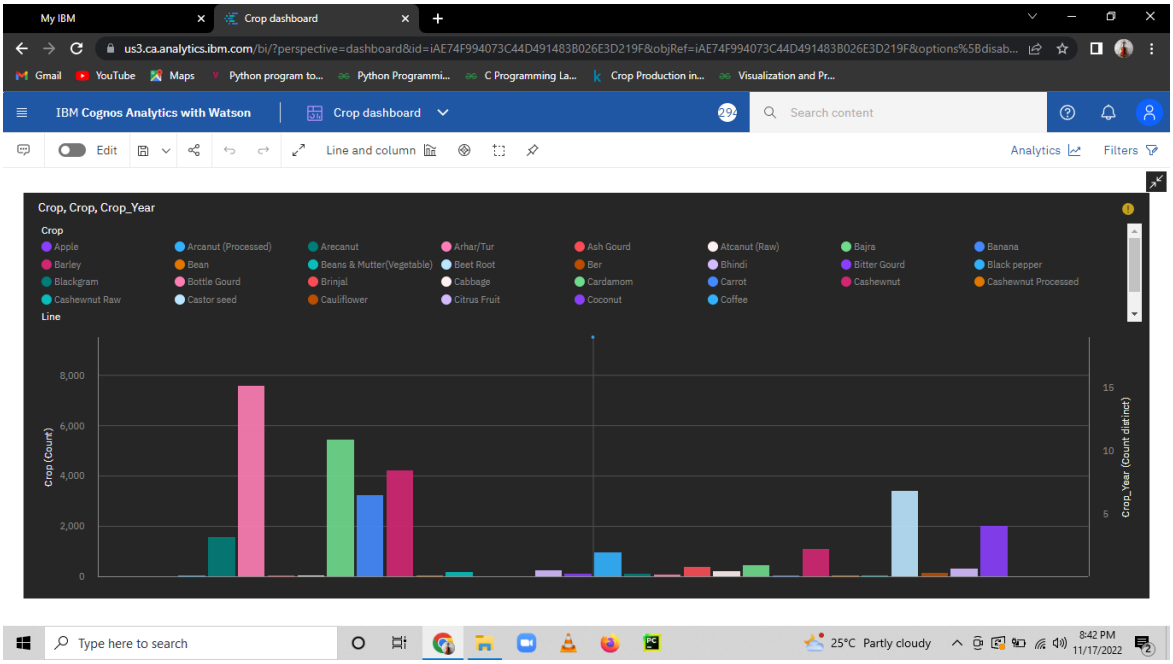
3.DISTRICT NAME BY STATE NAME:

Here the details like in which state's district the crop is produced is given by this visualization



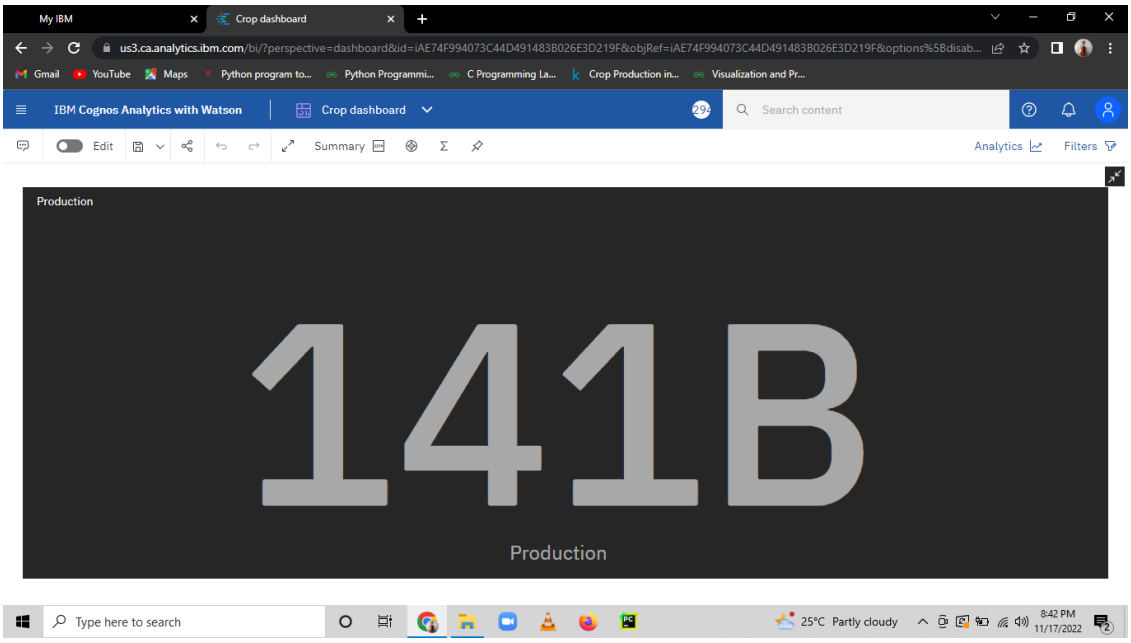
4.CROP AND CROP YEAR:

Which crops are produced in which year is collected and analyzed here



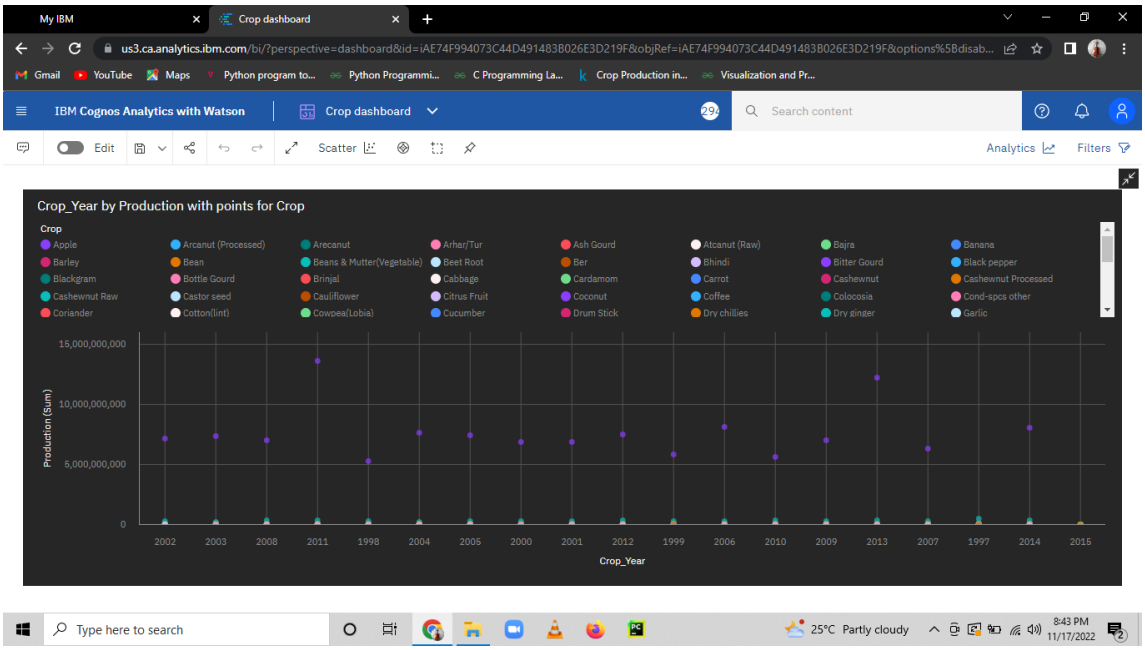
5.PRODUCTION:

Total number of production is collected together to perform analysis based on the data



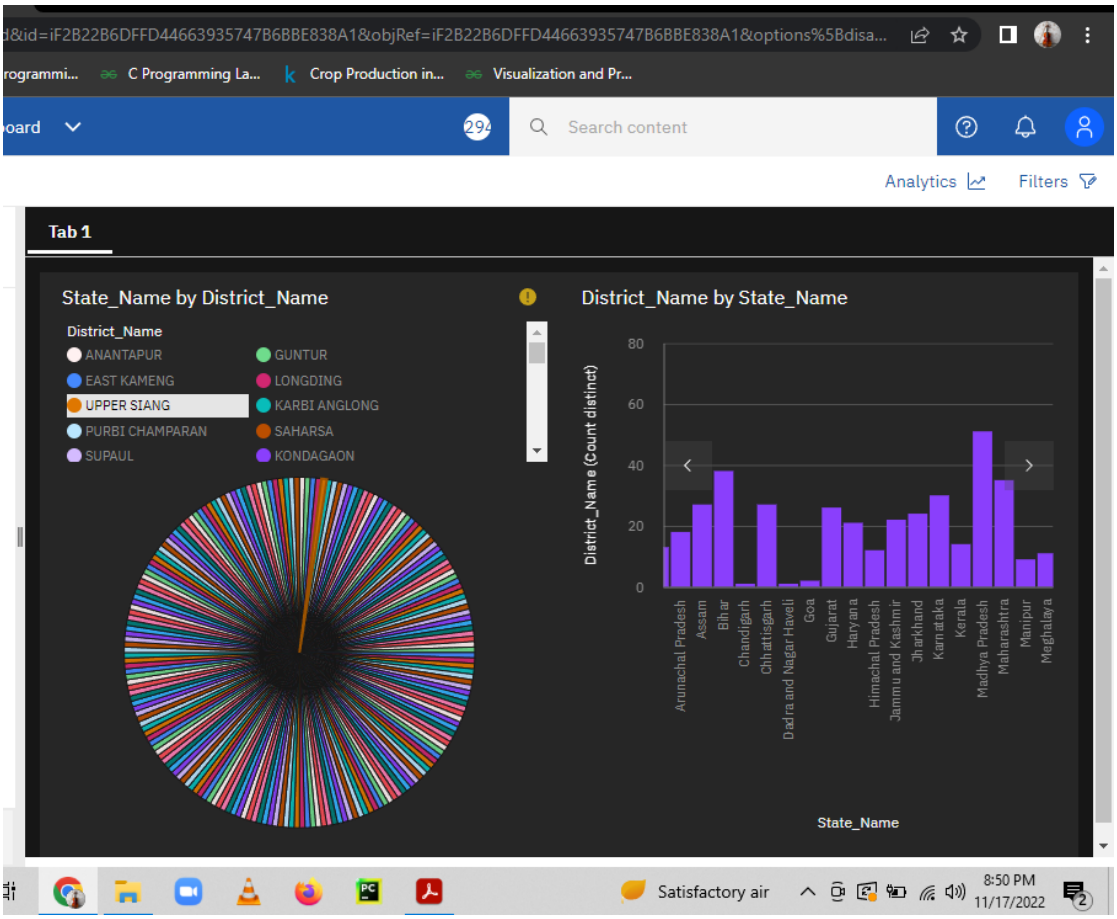
6.CROP YEAR BY PRODUCTION:

The crop produced year is taken in account along with its production rate to find in which year which crop has highest production



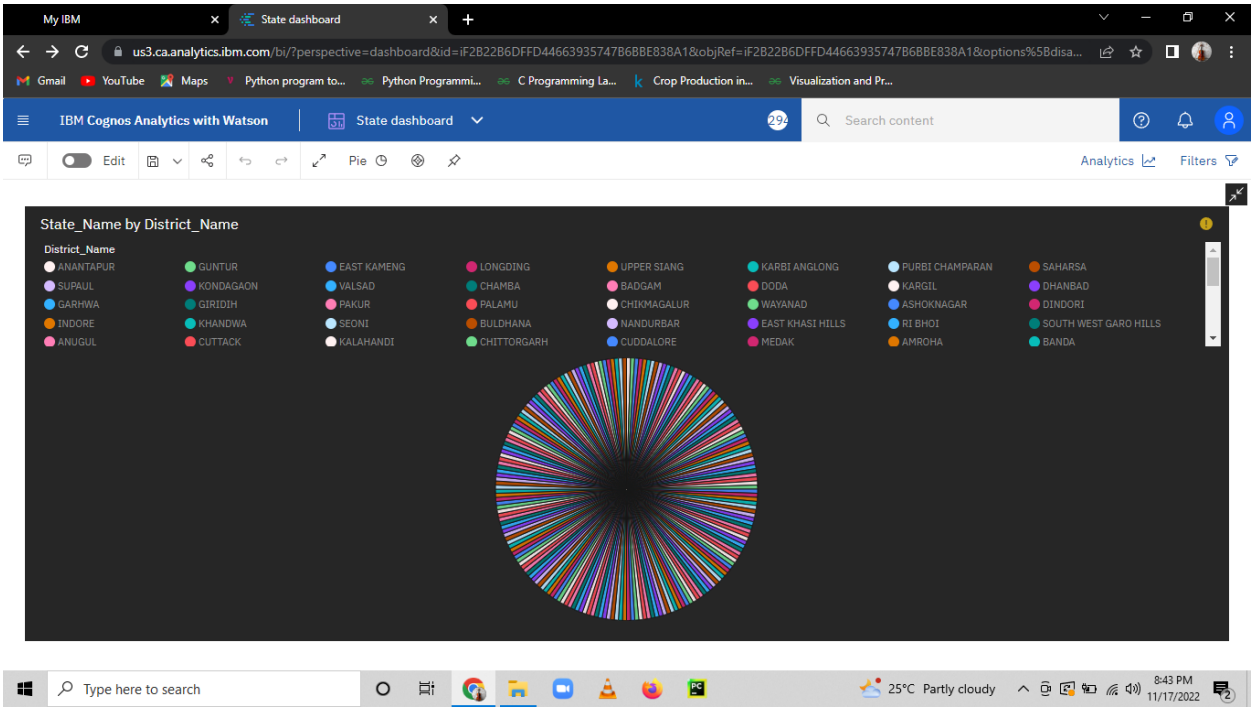
DASHBOARD-2

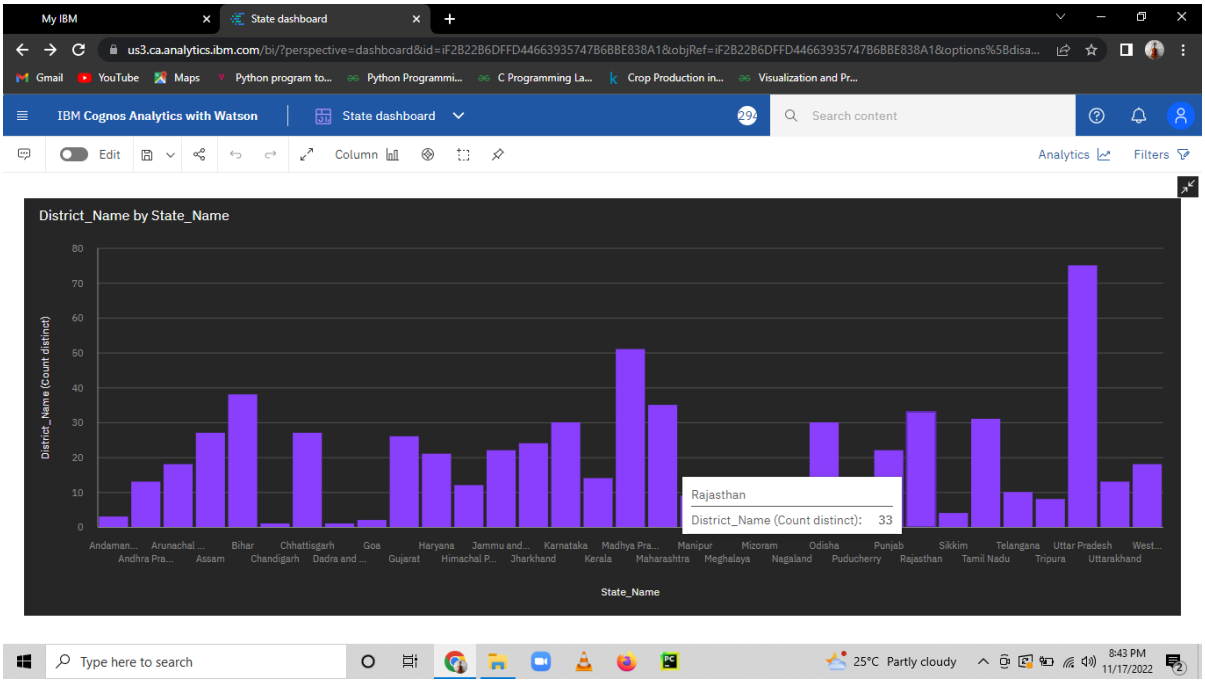
In this dashboard-2 there are information about state and districts name where the crops are produced



1,2STATE NAMES AND DISTRICTS:

The total number of districts and states of crop production is analyzed


My IBM
State dashboard
us3.ca.analytics.ibm.com/bi/?perspective=dashboard&id=iF2B22B6DFFD44663935747B6BBE838A1&objRef=iF2B22B6DFFD44663935747B6BBE838A1&options%5Bdisa...
Gmail
YouTube
Maps
Python program to...
Python Programmi...
C Programming La...
Crop Production in...
Visualization and Pr...
IBM Cognos Analytics with Watson
State dashboard
294
Search content
Edit
Pie
Analytics
Filters
State_Name by District_Name
District_Name
ANANTAPUR
GUNTUR
EAST KAMENG
LONGDING
UPPER SIANG
KARBI ANGLONG
PURBI CHAMPARAN
SAHARSA
SUPAUL
KONDAGAON
VALSAD
CHAMBA
BADGAM
DODA
KARGIL
DHANBAD
GARHWA
GIRIDIH
PAKUR
PALAMU
CHIKMAGALUR
WAYANAD
ASHOKNAGAR
DINDORI
INDORE
KHANDWA
SEONI
BULDHANA
NANDURBAR
EAST KHASI HILLS
RI BHOI
SOUTH WEST GARO HILLS
ANUGUL
CUTTACK
KALAHANDI
CHITTORGARH
CUDDALORE
MEDAK
AMROHA
BANDA
Type here to search
25°C Partly cloudy
8:43 PM
11/17/2022


My IBM
State dashboard
us3.ca.analytics.ibm.com/bi/?perspective=dashboard&id=iF2B22B6DFFD44663935747B6BBE838A1&objRef=iF2B22B6DFFD44663935747B6BBE838A1&options%5Bdisa...
Gmail
YouTube
Maps
Python program to...
Python Programmi...
C Programming La...
Crop Production in...
Visualization and Pr...
IBM Cognos Analytics with Watson
State dashboard
294
Search content
Edit
Column
Analytics
Filters
District_Name by State_Name
District_Name (Count distinct)
80
70
60
50
40
30
20
10
0
Andaman...
Arunachal ...
Bihar
Chhattisgarh
Goa
Haryana
Jammu and...
Karnataka
Madhya Pra...
Manipur
Mizoram
Odisha
Punjab
Sikkim
Telangana
Uttar Pradesh
West...
Andhra Pra...
Assam
Chandigarh
Dadra and ...
Gujarat
Himachal P...
Jharkhand
Kerala
Maharashtra
Meghalaya
Nagaland
Puducherry
Rajasthan
Tamil Nadu
Tripura
Uttarakhand
Rajasthan
District_Name (Count distinct): 33
State_Name
Type here to search
25°C Partly cloudy
8:43 PM
11/17/2022

Reference link:

https://us3.ca.analytics.ibm.com/bi/?perspective=dashboard&pathRef=.my_folders%2FState%2Bdashboard&action=view&mode=dashboard&subView=model0000018483df7878_00000000

https://us3.ca.analytics.ibm.com/bi/?perspective=dashboard&pathRef=.my_folders%2FCrop%2Bdashboard&action=view&mode=dashboard&subView=model0000018483c316a7_00000000