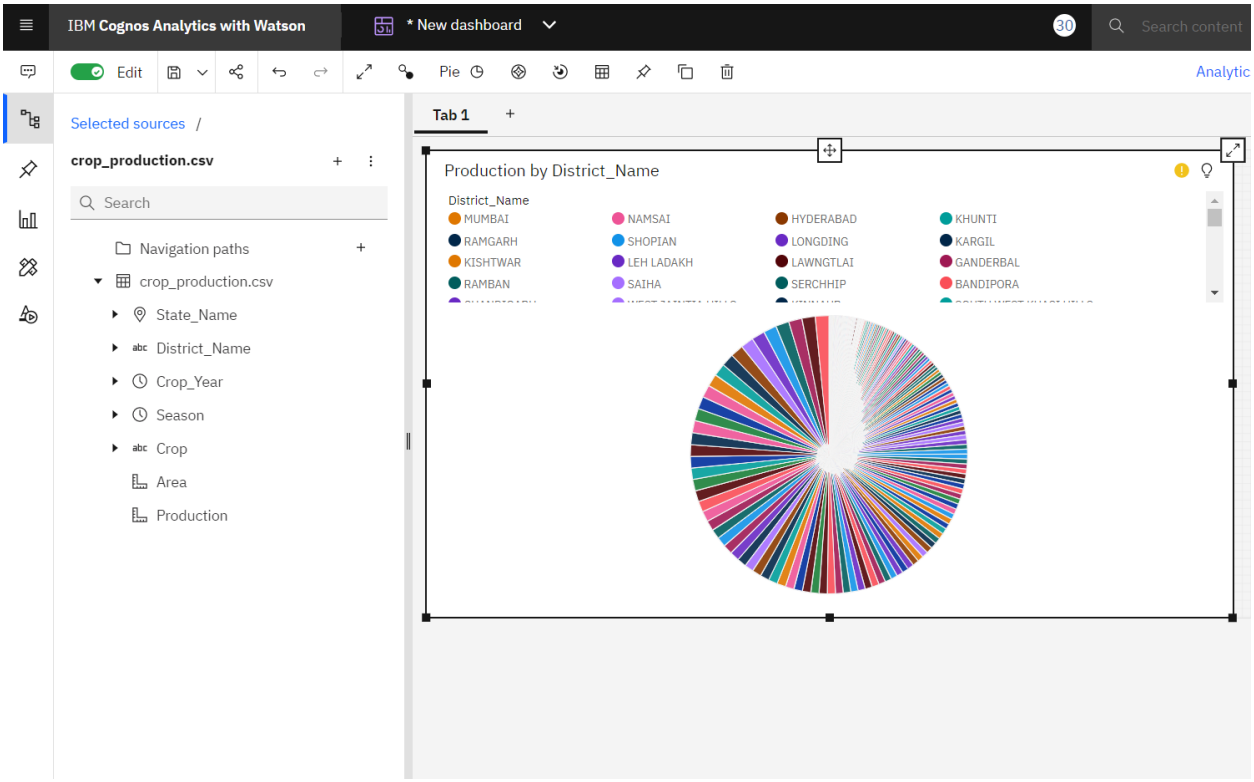
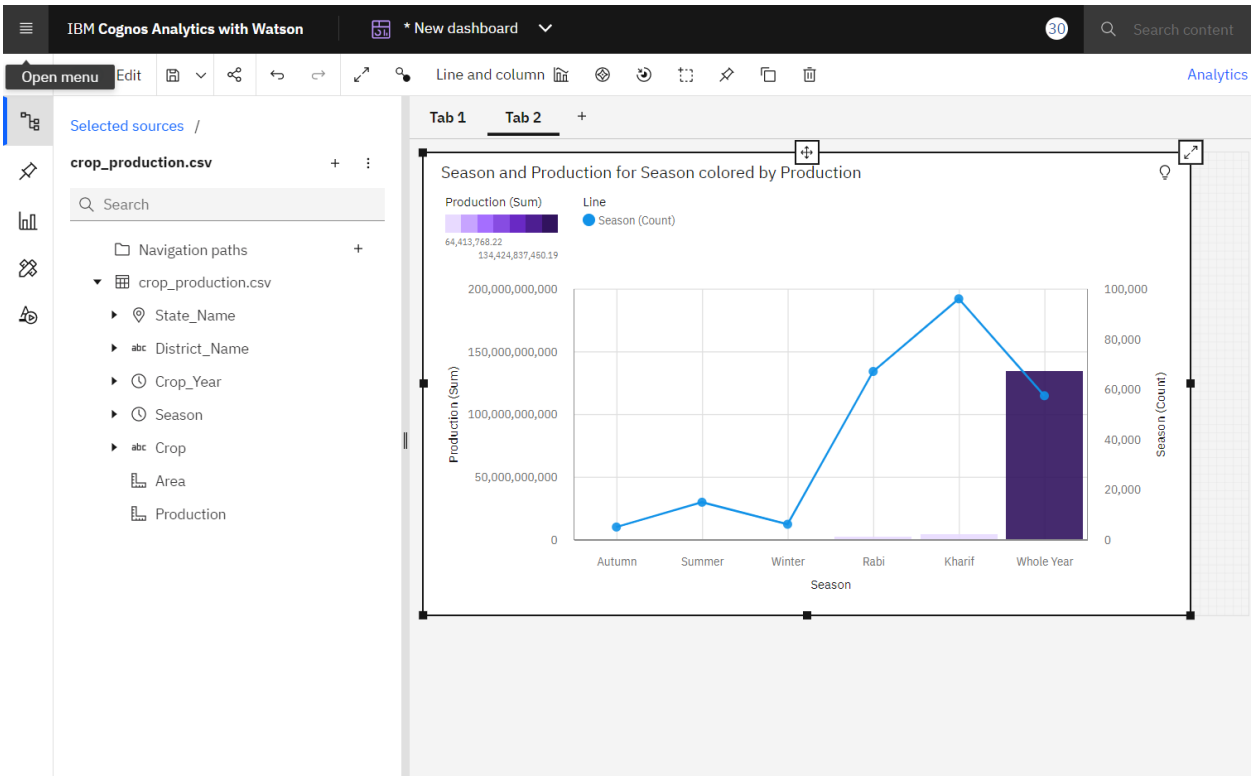
Project Development Phase

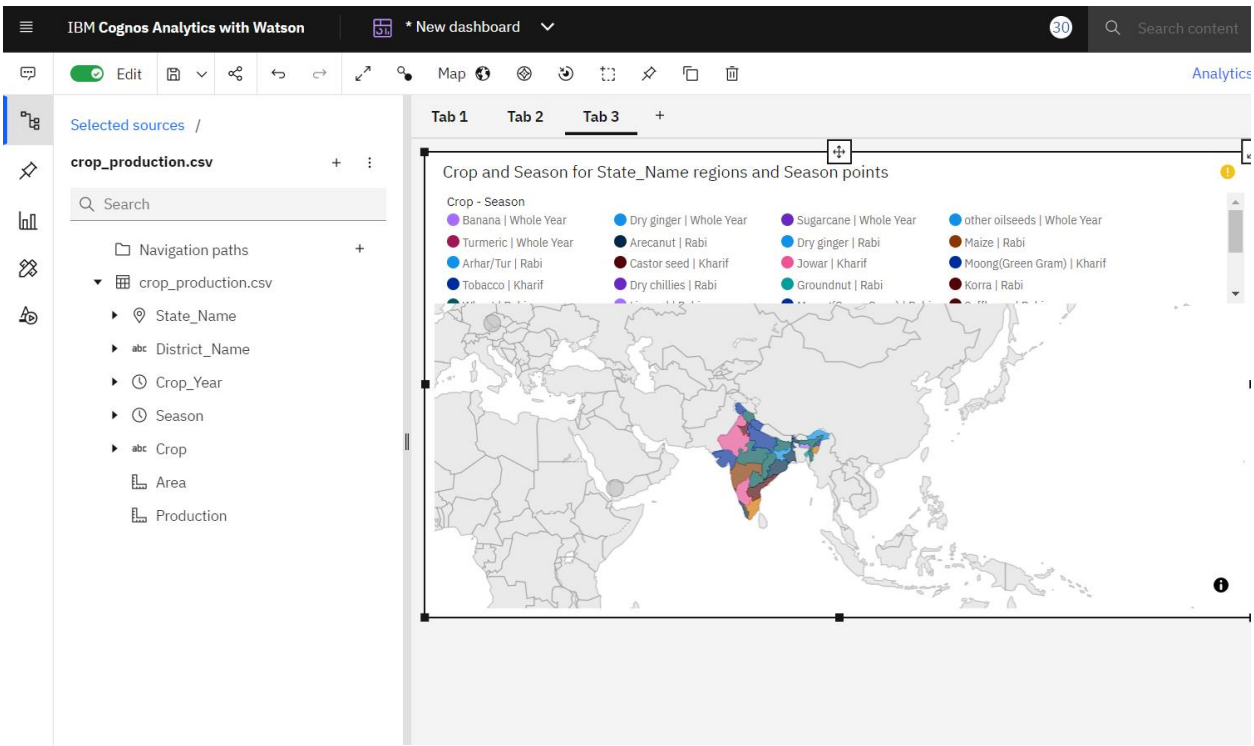
Sprint – 2

Date	05/11/2022
Team ID	PNT2022TMID20029
Project Name	Estimate the Crop Yield using Data Analytics

Data Exploration:




IBM Cognos Analytics with Watson
* New dashboard
30
Search content
Open menu
Edit
Line and column
Analytics
Selected sources /
crop_production.csv
Search
Navigation paths
crop_production.csv
State_Name
District_Name
Crop_Year
Season
Crop
Area
Production
Tab 1
Tab 2
Season and Production for Season colored by Production
Production (Sum)
64,413,768.22
134,424,837,460.19
Line
Season (Count)
200,000,000,000
150,000,000,000
100,000,000,000
50,000,000,000
0
Production (Sum)
100,000
80,000
60,000
40,000
20,000
0
Season (Count)
Autumn
Summer
Winter
Rabi
Kharif
Whole Year
Season


IBM Cognos Analytics with Watson
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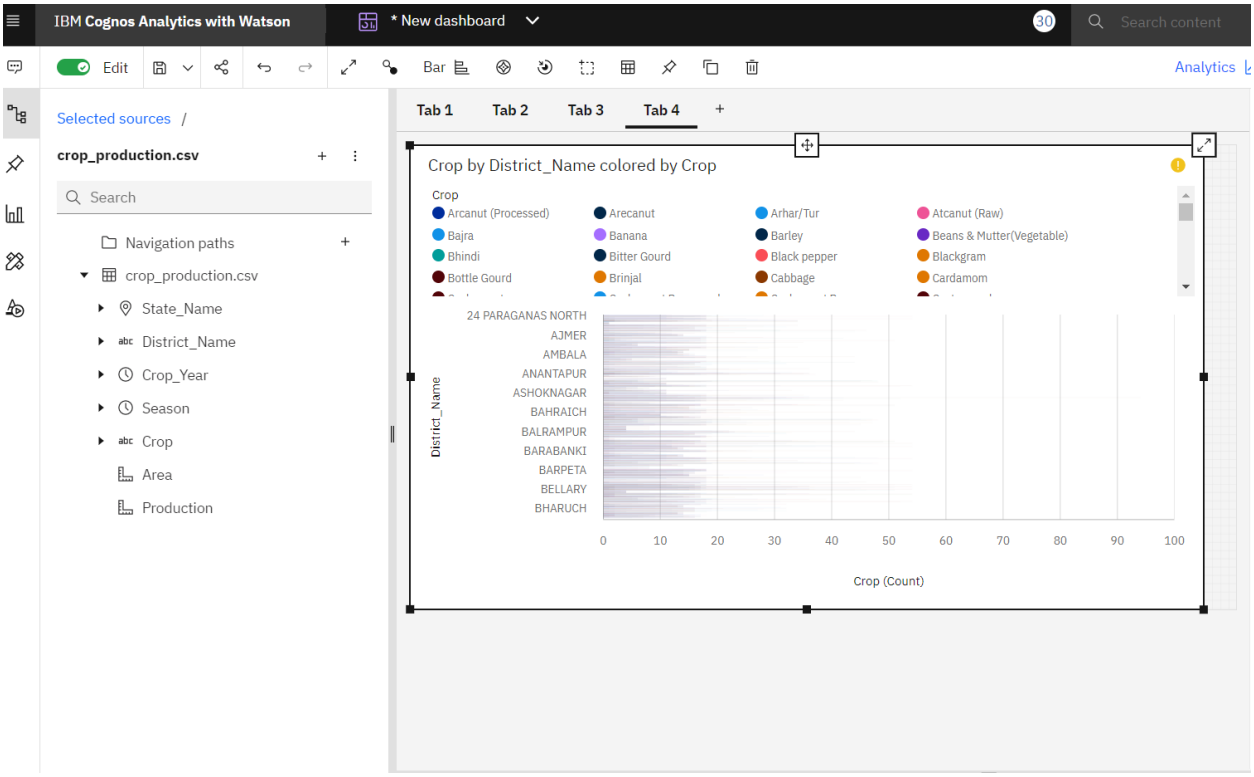
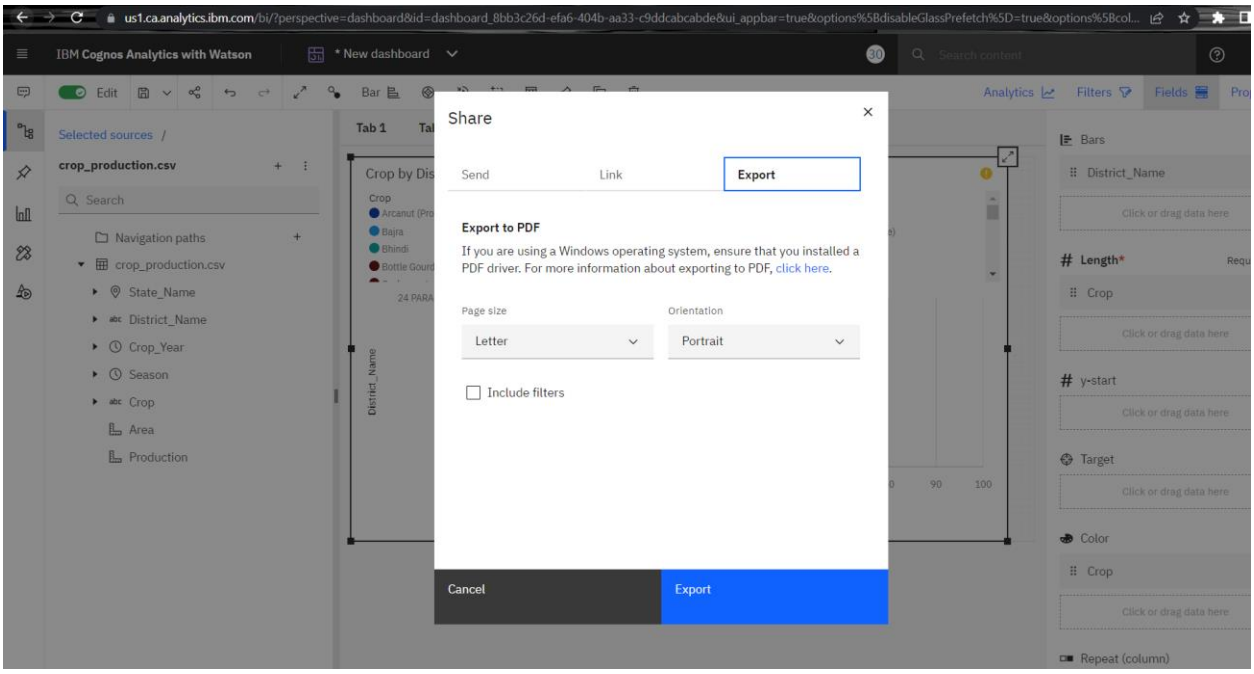
30
Search content
Edit
Map
Analytics
Selected sources /
crop_production.csv
Search
Navigation paths
crop_production.csv
State_Name
District_Name
Crop_Year
Season
Crop
Area
Production
Tab 1
Tab 2
Tab 3
Crop and Season for State_Name regions and Season points
Crop - Season
Banana | Whole Year
Dry ginger | Whole Year
Sugarcane | Whole Year
other oilseeds | Whole Year
Turmeric | Whole Year
Arecanut | Rabi
Dry ginger | Rabi
Maize | Rabi
Arhar/Tur | Rabi
Castor seed | Kharif
Jowar | Kharif
Moong(Green Gram) | Kharif
Tobacco | Kharif
Dry chillies | Rabi
Groundnut | Rabi
Korra | Rabi



Export Dataset: