

SPRINT 1 TEAM ID_PNT2022TMID20403

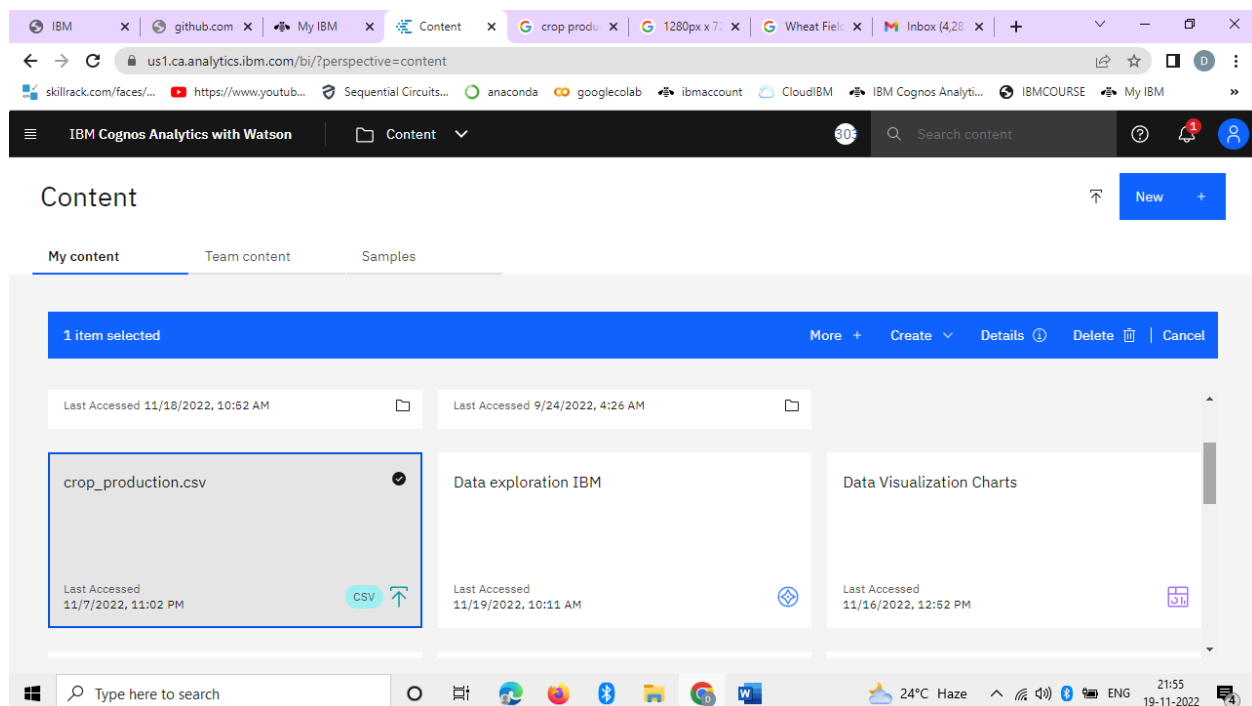
CONTENT:

COLLECTING THE DATA

UPLOAD THE DATA

CREATION OF DATA MODULE AND EXPLORING THE DATA

1) COLLECTING THE DATA AND UPLOAD THE DATA:



2)DATA MODULE:

The screenshot displays the IBM Cognos Analytics interface. The top navigation bar includes the IBM logo and several open tabs: IBM, github.com, My IBM, New data module, crop produ..., 1280px x 7..., Wheat Fiel..., Inbox (4,28..., and a plus sign for more tabs. The address bar shows the URL: us1.ca.analytics.ibm.com/bi/?perspective=ca-modeller&id=idCE210D9B47845C7B01E23B29CDF458B&objRef=idCE210D9B47845C7B01E23B29CDF4... The main toolbar contains icons for various tools and a search bar. The left sidebar shows the 'Data module' structure with a search bar and a tree view containing 'New data module', 'Navigation paths', 'crop_production.csv', 'Row Id', 'State_Name', 'District_Name', 'Crop_Year', 'Season', 'Crop', 'Area', and 'Production'. The main area displays a table with the following columns: Row Id, State_Name, District_Name, Crop_Year, Season, Crop, Area, and Production. The table contains 16 rows of data for the Andaman and Nicobar Islands, showing crop production details for the years 2000 and 2001.

Row Id	State_Name	District_Name	Crop_Year	Season	Crop	Area	Production
1	Andaman and Nicobar Islands	NICOBARS	2000	Kharif	Areca nut	1284	2000
2	Andaman and Nicobar Islands	NICOBARS	2000	Kharif	Other Kharif pulses	2	1
3	Andaman and Nicobar Islands	NICOBARS	2000	Kharif	Rice	102	321
4	Andaman and Nicobar Islands	NICOBARS	2000	Whole Year	Banana	176	641
5	Andaman and Nicobar Islands	NICOBARS	2000	Whole Year	Cashewnut	720	165
6	Andaman and Nicobar Islands	NICOBARS	2000	Whole Year	Coconut	18168	68100000
7	Andaman and Nicobar Islands	NICOBARS	2000	Whole Year	Dry ginger	56	100
8	Andaman and Nicobar Islands	NICOBARS	2000	Whole Year	Sugarcane	1	2
9	Andaman and Nicobar Islands	NICOBARS	2000	Whole Year	Sweet potato	8	15
10	Andaman and Nicobar Islands	NICOBARS	2000	Whole Year	Tapioca	40	169
11	Andaman and Nicobar Islands	NICOBARS	2001	Kharif	Areca nut	1284	2061
12	Andaman and Nicobar Islands	NICOBARS	2001	Kharif	Other Kharif pulses	2	1
13	Andaman and Nicobar Islands	NICOBARS	2001	Kharif	Rice	83	300
14	Andaman and Nicobar Islands	NICOBARS	2001	Whole Year	Cashewnut	719	192
15	Andaman and Nicobar Islands	NICOBARS	2001	Whole Year	Coconut	18190	64430000
16	Andaman and Nicobar Islands	NICOBARS	2001	Whole Year	Dry ginger	46	100

The bottom of the screenshot shows the Windows taskbar with the search bar, task view icon, and several application icons. The system tray on the right displays the date and time as 21:56 on 19-11-2022, along with weather information (24°C Haze) and other system icons.

3) DATA EXPLORATION:

The screenshot displays the IBM Cognos Analytics Data Explorer interface. The top navigation bar includes the IBM logo and various tabs. The main content area is titled "Explore data relationships" and shows a relationship diagram for the "crop_production.csv" dataset. The diagram illustrates a relationship between "Area" and "State_Name" nodes, with a "Season" node also connected. A search bar on the left allows filtering by "Area". On the right, there are two visualization cards: "Area by Crop_Year colored by Crop" and "Area by Season colored by Crop". The bottom status bar shows the system time as 21:38 on 19-11-2022.

IBM Cognos Analytics with Watson | Data exploration IBM

Explore data relationships

crop_production.csv

Reset to original

Area

State_Name

Season

Relationship diagram

10% 100%

Area and Production for State_Name regions

Area by Crop_Year colored by Crop

Area by Season colored by Crop

Type here to search

24°C Haze

21:38 19-11-2022

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Explore data relationships

crop_production.csv

Production

Reset to original

Relationship diagram

10% 100%

Production

Area and Production for State_Name regions

See more

Type here to search

24°C Haze

21:39 19-11-2022

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Explore data relationships

crop_production.csv

Reset to original

State_Name

Relationship diagram

10% 31% 100%

State_Name

State_Name
Andaman and Nicobar Islands
Andhra Pradesh

Area and Production for State_Name regions

See more

Type here to search

24°C Haze

21:40 19-11-2022

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Explore data relationships

crop_production.csv

State_Name

Reset to original

Edit diagram

State_Name

Andaman and Nicobar Islands

Andhra Pradesh

Add +

Area and Production for State_Name regions

Add +

Relationship diagram

10% 100%

24°C Haze 21:40 19-11-2022

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Explore data relationships

crop_production.csv

Reset to original

Edit diagram

Season

State_Name

Crop

Crop_Year

Select a visualization

Explore visualizations related to 'State_Name'

State_Name regions

Add +

State_Name

Andaman and Nicobar Islands

Relationship diagram

10% 100%

24°C Haze 21:41 19-11-2022

The screenshot displays the IBM Cognos Analytics web interface. The top navigation bar includes the IBM logo and various tool icons. The main content area is titled 'Explore data relationships' and shows a relationship diagram for the file 'crop_production.csv'. The diagram has two nodes: 'Season' and 'Crop', connected by a curved line. Below the diagram is a slider for 'Relationship diagram' set to 100%. On the left, a sidebar titled 'Cards' contains two cards: 'Area and Production Name regions' (showing a world map) and 'Area' (showing a bar chart). At the bottom left, a 'Data relationships' panel shows a node-link diagram. On the right, a 'Select a visualization' panel shows a table of 'Season' data with columns 'Season' and 'State_Name'. The table lists 'Autumn' and 'Kharif'. Below the table is a line chart titled 'Area by Season colored by State_Name' showing multiple colored lines representing different states over time.