

ESTIMATE THE CROP YIELD USING DATA ANALYTICS

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DATA UPLOADING

The screenshot displays the IBM Cognos Analytics Content Manager interface. The browser address bar shows the URL: `us1.ca.analytics.ibm.com/bi/?perspective=content&tab=myContent&folder=ED2B9F48B745474CB88B33DE37244A86`. The page title is "Content". Below the title, there are tabs for "My content", "Team content", and "Samples". A blue bar at the top of the content area indicates "1 item selected". To the right of this bar are buttons for "More", "Create", "Details", "Delete", and "Cancel". The main content area is a grid of file cards. The first card, "crop_production.csv", is highlighted with a black border and a checkmark icon. It shows "Last Accessed: 31/10/2022, 14:02" and a "CSV" icon with an upload arrow. Other cards include "Final dataset", "IPL Ball-by-Ball 2008-2020.csv", "IPL Ball-by-Ball 2008-2020.csv.zip", "ipl dashboard11", "IPL Dashboard", "ipl data module", "IPL Matches 2008-2020.csv", "New exploration", "New report", "PROJECT-PLANNING-PHASE.csv", and "result ipl".

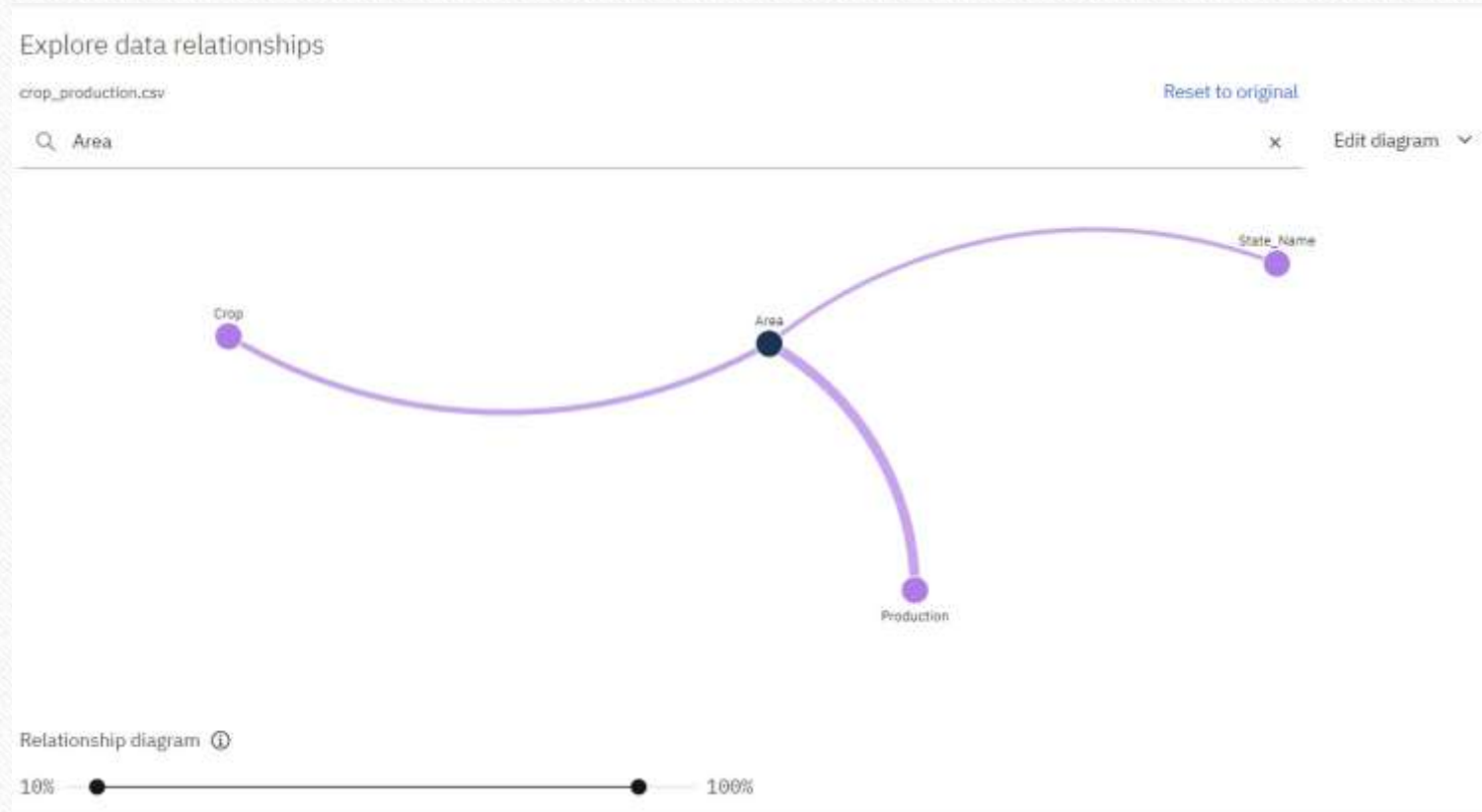
File Name	Last Accessed	Icon
crop_production.csv	31/10/2022, 14:02	CSV (checked)
Final dataset	29/10/2022, 04:01	Table
IPL Ball-by-Ball 2008-2020.csv	14/09/2022, 09:49	CSV
IPL Ball-by-Ball 2008-2020.csv.zip	14/09/2022, 09:06	Zip
ipl dashboard11	19/09/2022, 04:04	Dashboard
IPL Dashboard	21/09/2022, 08:13	Dashboard
ipl data module	14/09/2022, 09:55	Table
IPL Matches 2008-2020.csv	14/09/2022, 09:14	CSV
New exploration		
New report		
PROJECT-PLANNING-PHASE.csv		
result ipl		

DATA MODULE CREATION

The screenshot displays the IBM Cognos Analytics interface. On the left, a sidebar shows the 'Data module' section with a search bar and a list of modules. The 'crop_production.csv' module is selected, showing a tree view of its fields: # Row Id, State_Name, District_Name, Crop_Year, Season, Crop, Area, and Production. The main area shows a table with 14 rows of data. The table has columns for Row Id, State_Name, District_Name, Crop_Year, Season, Crop, and Area. The data represents crop production for Andaman and Nicobar Islands across different years and seasons.

Row Id	State_Name	District_Name	Crop_Year	Season	Crop	Area
1	Andaman and Nicobar Islands	NICOBARS	2000	Kharif	Areca nut	1254
2	Andaman and Nicobar Islands	NICOBARS	2000	Kharif	Other Kharif pulses	2
3	Andaman and Nicobar Islands	NICOBARS	2000	Kharif	Rice	102
4	Andaman and Nicobar Islands	NICOBARS	2000	Whole Year	Banana	176
5	Andaman and Nicobar Islands	NICOBARS	2000	Whole Year	Cashewnut	720
6	Andaman and Nicobar Islands	NICOBARS	2000	Whole Year	Coconut	18168
7	Andaman and Nicobar Islands	NICOBARS	2000	Whole Year	Dry ginger	36
8	Andaman and Nicobar Islands	NICOBARS	2000	Whole Year	Sugarcane	1
9	Andaman and Nicobar Islands	NICOBARS	2000	Whole Year	Sweet potato	5
10	Andaman and Nicobar Islands	NICOBARS	2000	Whole Year	Tapioca	40
11	Andaman and Nicobar Islands	NICOBARS	2001	Kharif	Areca nut	1254
12	Andaman and Nicobar Islands	NICOBARS	2001	Kharif	Other Kharif pulses	2
13	Andaman and Nicobar Islands	NICOBARS	2001	Kharif	Rice	83
14	Andaman and Nicobar Islands	NICOBARS	2001	Whole Year	Cashewnut	710

DATA EXPLORATION



DATA EXPLORATION

Explore data relationships

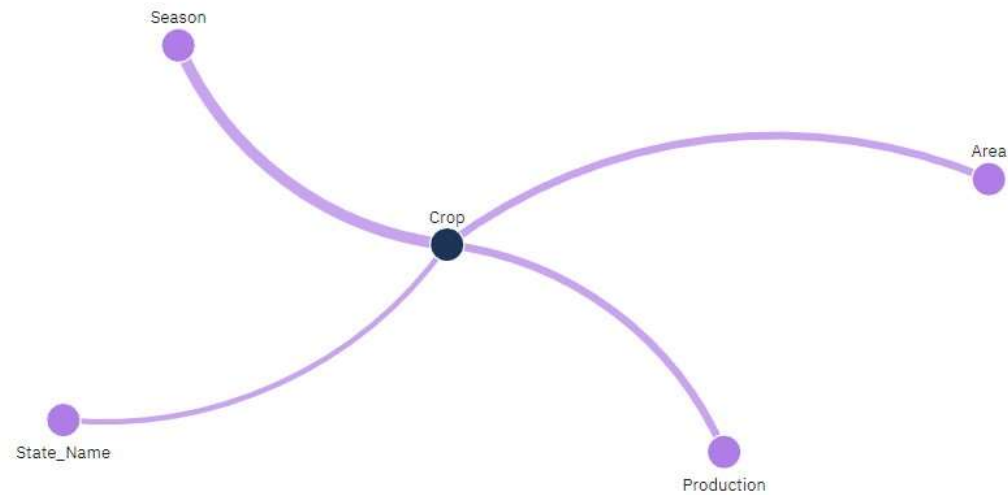
crop_production.csv

[Reset to original](#)

🔍 Crop

×

Edit diagram ▾



Select single or multiple nodes to see visualizations.

Relationship diagram ⓘ

10% —●————●— 100%

DATA EXPLORATION

Explore data relationships

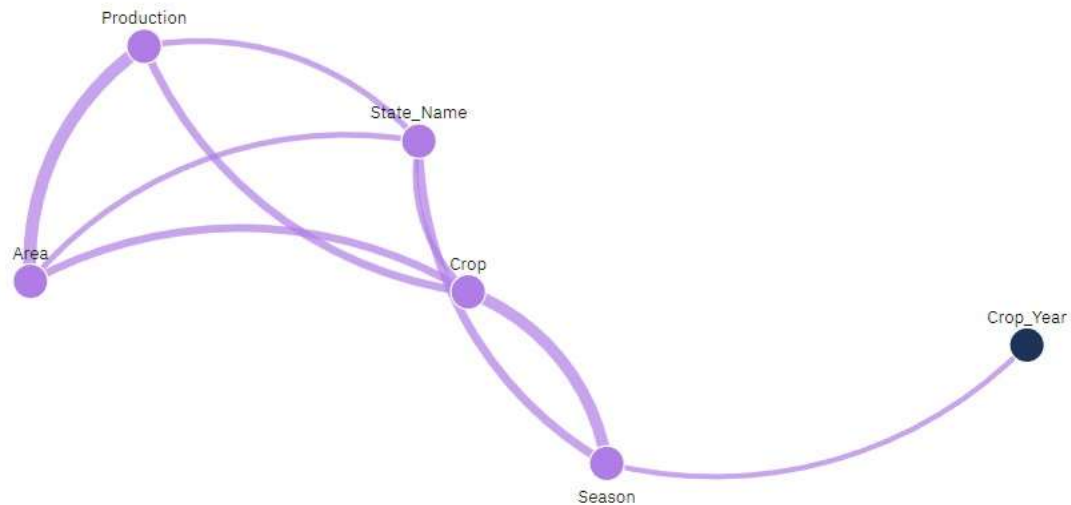
crop_production.csv

[Reset to original](#)

🔍 Crop_Year

×

Edit diagram ▾



Select single or multiple nodes to see visualizations.

Relationship diagram ⓘ

10% ————— 100%