

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=ED2B9F488745474CB88B33DE37244A86`. 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 list indicates "1 item selected". The content list includes several items, each with a name, last accessed date, and a file icon. The item "crop_production.csv" is highlighted with a black box. Other items include "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".

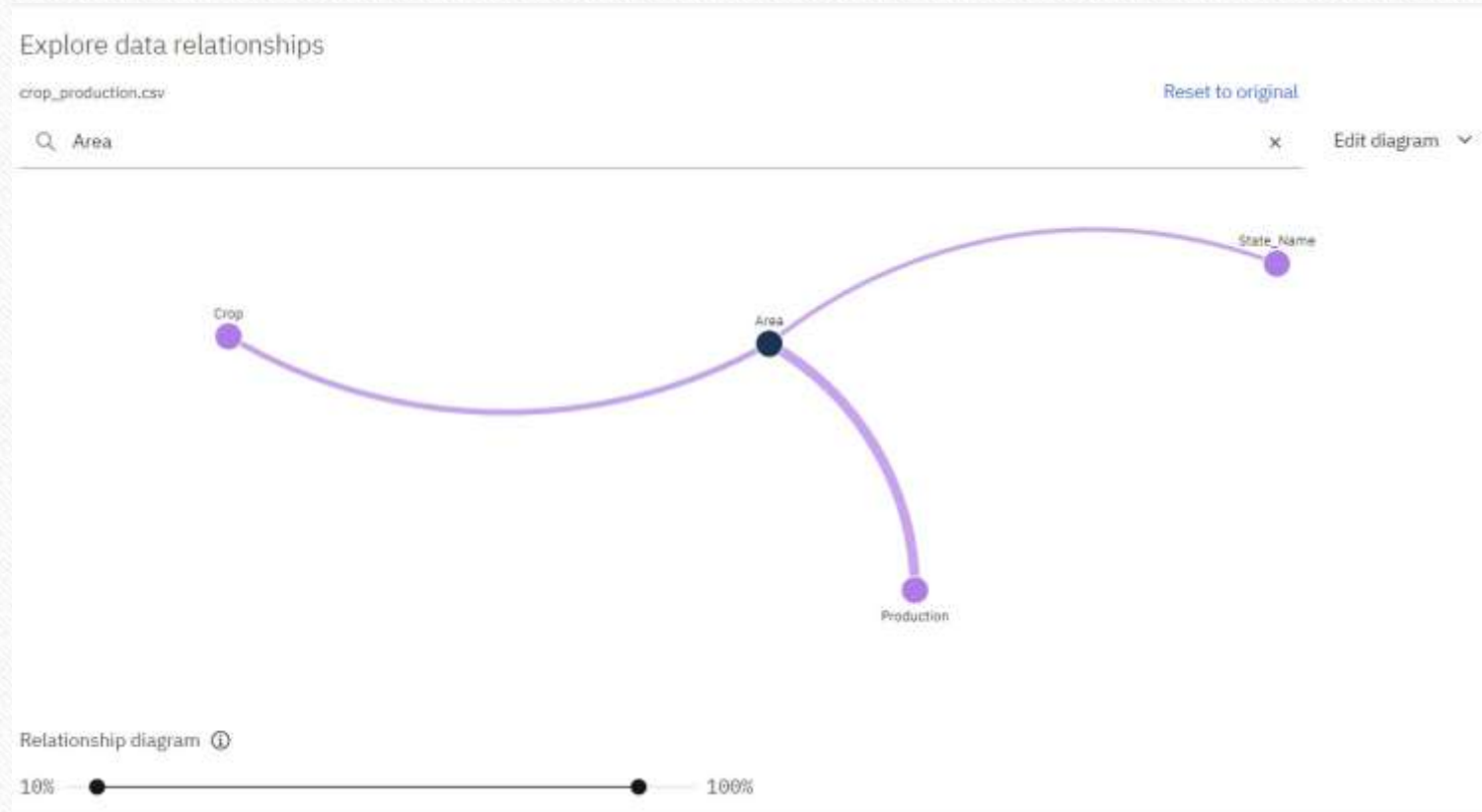
Item Name	Last Accessed	File Type
crop_production.csv	31/10/2022, 14:02	CSV
IPL Ball-by-Ball 2008-2020.csv	14/09/2022, 09:49	CSV
IPL Ball-by-Ball 2008-2020.csv.zip	14/09/2022, 09:06	ZIP
ipl dashboard11	19/09/2022, 04:04	Dashboard
IPL Dashboard	21/09/2022, 08:13	Dashboard
ipl data module	14/09/2022, 09:55	Module
IPL Matches 2008-2020.csv	14/09/2022, 09:14	CSV
New exploration		Exploration
New report		Report
PROJECT-PLANNING-PHASE.csv		CSV
result ipl		Report

DATA MODULE CREATION

The screenshot displays the IBM Cognos Analytics web interface. The browser address bar shows the URL: us1.ca.analytics.ibm.com/bi/?perspective=ca-modeler&id=2878668387_aa4b326162ff42ed9e39f171bc884178_sessionTemp&objref=2878668387_aa4b326162ff42ed9e39f171bc884178.... The page title is "IBM Cognos Analytics with Watson". The left 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 with fields: # Row Id, State_Name, District_Name, Crop_Year, Season, Crop, Area, and Production. The main area displays a table with 14 rows of data. The table has columns: Row Id, State_Name, District_Name, Crop_Year, Season, Crop, and Area. The data represents crop production for Andaman and Nicobar Islands from 2000 to 2001.

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	Cashew nut	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	Cashew nut	710

DATA EXPLORATION



DATA EXPLORATION

Explore data relationships

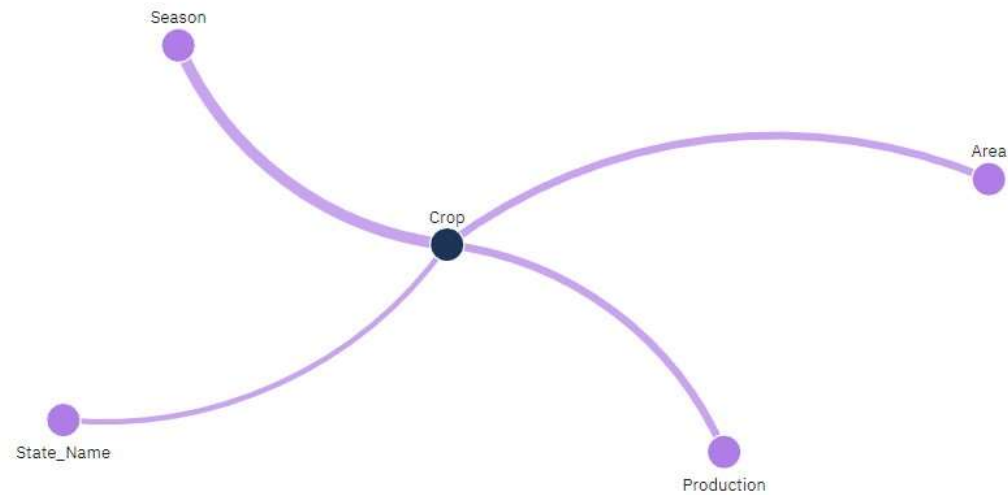
crop_production.csv

[Reset to original](#)

🔍 Crop

×

Edit diagram ▾



Select single or multiple nodes to see visualizations.

Relationship diagram ⓘ

10% —●————●— 100%

DATA EXPLORATION

Explore data relationships

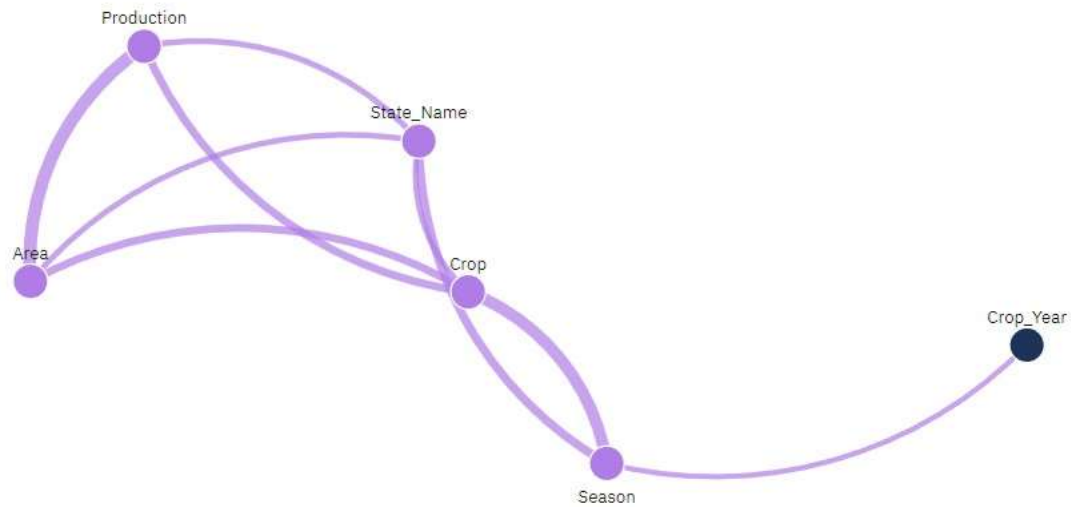
crop_production.csv

[Reset to original](#)

🔍 Crop_Year

×

Edit diagram ▾



Select single or multiple nodes to see visualizations.

Relationship diagram ⓘ

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