

PROJECT DEVELOPMENT PHASE

SPRINT 1

DATA PREPARATION AND EXPLORATION

Date	17 November 2022
Team ID	PNT2022TMID54027
Project Name	Estimate the crop yield using data analytics
Maximum Marks	20 Marks

Data Preparation :



Prepare data

Use data modules to clean and connect data from multiple resources.

Select sources

My content

Q Type any text to filter items in this folder

Dashboards

IPL dashboard
11/13/2022, 11:37 AM

IPL Story
11/16/2022, 7:02 PM

Pharma exploration
11/14/2022, 12:31 AM

Pharma Sales dashboard
11/15/2022, 12:25 PM

Sales exploration
11/9/2022, 12:28 AM

Startup exploration
11/15/2022, 4:16 PM

Data

50_Startups.csv
11/15/2022, 2:00 PM

crop_production.csv
11/17/2022, 10:47 AM

Sort by

☐ Name

☐ Modified

☒ Type

Order

☒ Ascending

☐ Descending

Cancel

OK

Data module

Q Search

Crop data module

Navigation paths

crop_production.csv

Row Id

State_Name

District_Name

Crop_Year

Season

Crop

Area

Production




Grid


Relationships


Custom tables


Row Id	State_Name	District_Name	Crop_Year	Season	Crop	Area
1	Andaman and Nicobar Islands	NICOBARS	2000	Kharif	Arecanut	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	Arecanut	1254
12	Andaman and Nicobar Islands	NICOBARS	2001	Kharif	Other Kharif pulses	2
13	Andaman and Nicobar Islands	NICOBARS	2001	Kharif	Rice	83


Data Exploration :


 IBM Cognos Analytics with Watson  1 item open 


 Home

 New

 Upload data


 Content

 Recent >


 Manage

New


Data


 Data module


Explore

 Exploration

Present

 Dashboard

 Report

 Story

Add a data source to explore

My contentTeam content

Name	Type	Last Accessed
<div><div></div></div> Data Modules	Folder	11/13/2022, 10:21 PM
<div><div></div></div> 50_Startups.csv CSV	Uploaded file	11/15/2022, 2:00 PM
<div><div></div></div> crop_production.csv CSV	Uploaded file	11/17/2022, 10:47 AM
<div><div></div></div> Heart_Disease_Prediction.csv CSV	Uploaded file	11/16/2022, 10:41 PM
<div><div></div></div> IPL Ball-by-Ball 2008-2020.csv CSV	Uploaded file	11/9/2022, 8:56 PM
<div><div></div></div> IPL Matches 2008-2020.csv CSV	Uploaded file	11/9/2022, 8:54 PM
<div><div></div></div> Olympic Events.xlsx xlsx	Uploaded file	11/3/2022, 12:06 PM
<div><div></div></div> Olympic Medals.xlsx xlsx	Uploaded file	11/3/2022, 12:07 PM
<div><div></div></div> Pharma_Monthly_Sales.csv CSV	Uploaded file	11/13/2022, 6:22 PM
<div><div></div></div> sales.csv CSV	Uploaded file	11/13/2022, 12:26 PM

Cancel

Add

Explore data relationships

crop_production.csv

Reset to original

Q Production

Edit diagram

Crop

Production

Area

State_Name

Relationship diagram

10%100%