#### 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

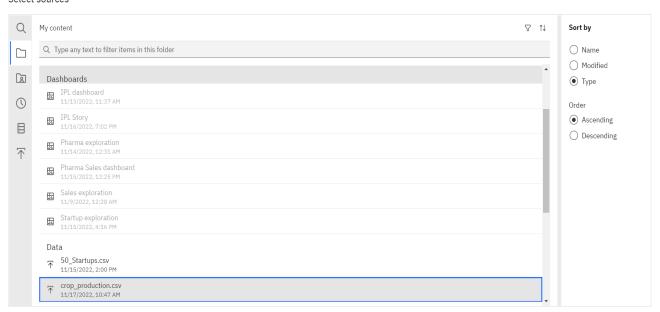
## **Data Preparation:**



# Prepare data

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

Select sources



Cancel OK

Data module	+ 🕖	☐ Grid 🕞 Rel	ationships 🖽 Custom tables	5				
Q Search		↑↓ Row Id	State_Name	District_Name	Crop_Year	Season	Сгор	Area
Crop data module		1	Andaman and Nicobar Islands	NICOBARS	2000	Kharif	Arecanut	1254
<ul><li>□ Navigation paths</li><li>▼</li></ul>	+	2	Andaman and Nicobar Islands	NICOBARS	2000	Kharif	Other Kharif pulses	2
→ # Row Id		3	Andaman and Nicobar Islands	NICOBARS	2000	Kharif	Rice	102
➤ ⊚ State_Name		4	Andaman and Nicobar Islands	NICOBARS	2000	Whole Year	Banana	176
▶ abc District_Name		5	Andaman and Nicobar Islands	NICOBARS	2000	Whole Year	Cashewnut	720
Crop_Year  Season		6	Andaman and Nicobar Islands	NICOBARS	2000	Whole Year	Coconut	18168
▶ abc Crop		7	Andaman and Nicobar Islands	NICOBARS	2000	Whole Year	Dry ginger	36
L Area		8	Andaman and Nicobar Islands	NICOBARS	2000	Whole Year	Sugarcane	1
Production		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:**

