

Project Development Phase

SPRINT 2

Team ID	PNT2022TMID13713
Project Name	Project – ESTIMATE THE CROP YIELD USING DATA ANALYTICS

1. Once you load IBM DB2 shows of our table:

The screenshot shows the IBM Db2 on Cloud web interface. The top navigation bar includes 'Load Data', 'Load History', 'Tables', 'Views', 'Indexes', 'Aliases', 'MQTs', 'Sequences', and 'Application objects'. The 'Tables' tab is selected, displaying a table named 'WWX38161.CROP1'. The table has the following columns: STATE_NAME, DISTRICT_NAME, CROP_YEAR, SEASON, CROP, AREA, and PRODUCTION. The table contains 5 rows of data. An 'Export to CSV' button is visible in the top right corner of the table view.

STATE_NAME	DISTRICT_NAME	CROP_YEAR	SEASON	CROP	AREA	PRODUCTION
Andaman and Nicobar Islands	NICOBARS	2000	Kharif	Arecanut	1254.00	2000.00
Andaman and Nicobar Islands	SOUTH ANDAMANS	2010	Rabi	Urad	34.00	15.05
Andaman and Nicobar Islands	SOUTH ANDAMANS	2010	Rabi	Turmeric	10.00	105.00
Andaman and Nicobar Islands	SOUTH ANDAMANS	2010	Rabi	Sweet potato	32.00	235.00
Andaman and Nicobar Islands	SOUTH ANDAMANS	2010	Rabi	Sunflower	1.00	0.50

2. Check the dataset to be work or not sql query to check:

The screenshot shows the IBM Db2 on Cloud web interface with the SQL editor open. The 'Data objects' panel on the left shows the table 'WWX38161'. The SQL editor contains the following query:

```
1 select CROP_YEAR from crop1 where crop_year>2005;
2 select season from crop1 where season='kharif';
3 select * from crop1;
```

The 'Run all' button is visible in the top right corner of the SQL editor.

3. Once load it connect with IBM cognos based upon our schema:

The screenshot shows the IBM Cognos Analytics web interface. On the left, under 'Data server connections', there is a table listing connections:

Name	Modified
AMAIBMD2	15/11/2022 7:13 AM
DB2connection	14/11/2022 7:27 AM
Weather Company	31/03/2022 8:44 PM

The main panel displays details for the 'AMAIBMD2' connection. It shows the owner as 'RAGUL ... edde77', created on 15/11/2022 at 7:13 AM, and modified on 15/11/2022 at 7:13 AM. The type is 'Data Server'. Below this, there is a 'Connections' tab with a table:

Name	Modified
AMAIBMD2	15/11/2022 8:08 AM

On the right, the 'Schemas' tab is active, showing a list of schemas with their status and the number of tables loaded:

Status	Schema name	Tables loaded
<input type="radio"/>	IBM_DSM_VIEWS	
<input type="radio"/>	IBM_RTMON	
<input type="radio"/>	IBM_RTMON_BASELINE	
<input type="radio"/>	IBM_RTMON_DATA	
<input type="radio"/>	IBM_RTMON_EVMON	
<input type="radio"/>	IBM_RTMON_METADATA	
<input type="radio"/>	PROCMGMT	
<input type="radio"/>	ST_INFORMTN_SCHEMA	
<input checked="" type="radio"/>	WWX38161	3 / 3

The bottom of the screen shows the Windows taskbar with various application icons and the system clock indicating 07:44 PM on 15/11/2022.

4. Once finished making an visualization based upon data module:

The screenshot shows the IBM Cognos Analytics web interface with a dashboard titled 'SEASON WITH AVERAGE PRODUCTION'. The dashboard is in 'My content' mode. A table is displayed with the following data:

Name	Type	Last Accessed
FINALIBM	Data module	15/11/2022, 7:57 AM

The dashboard also includes a 'Select a source' button and a 'Cancel' button. The bottom of the screen shows the Windows taskbar with various application icons and the system clock indicating 08:05 PM on 15/11/2022.

5. Making up of Visualization:

