

PROJECT DEVELOPMENT PHASE

SPRINT – 1

Date	24 October 2022
Team ID	PNT2022TMID45484
Project Name	Estimate the Crop Yield Using Data Analytics

CREATING CLOUD ACCOUNT:

IBM Cloud

Catalog Cost estimator Docs

paywall.secureYourAccount

reg.featureCode.title reg.featureCode.linkToPaywall ⓘ

reg.featureCode.instructions

reg.featureCode.enterCode

31f3fad27236033fcc236cc27e400b1

reg.featureCode.accountId 5f8c19d438634165b7a249f72b05f1ff ⓘ

paywall.createAccount

Secure your account

You're asked to verify your identity by entering credit card information.

Create your account for free

Access over 40 always-free products. You won't be charged for any usage below the IBM cloud free tier limits.

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LOGIN COGNOS ANALYTICS:

The screenshot shows the IBM Cognos Analytics website. The browser tabs include 'Fwd: Welcome to Project! Deligh...', 'IBM', and 'Cognos Analytics | IBM'. The address bar shows 'ibm.com/products/cognos-analytics'. The navigation bar includes 'Products', 'Solutions', 'Consulting', 'Support', and 'More'. The main header features the IBM logo and a 'Cognos Analytics' dropdown menu. The page content includes a large illustration of a person interacting with a large screen displaying data, with a 'Sign in' button and a 'Start trial at no cost' button. Below the illustration, the text reads 'IBM Cognos Analytics with Watson' and 'Your trusted Watson co-pilot for smarter analytics and confident decisions.' A 'Let's talk' button is also visible.

LANNCH COGNOS:

The screenshot shows the IBM My IBM dashboard. The browser tabs include 'Fwd: Welcome to Project! Deligh...', 'IBM', and 'My IBM'. The address bar shows 'myibm.ibm.com/dashboard/'. The main heading is 'Products'. Under the 'Trials' section, it says '1 Offering'. The trial card for 'Cognos Analytics on Cloud Trial for Students' is active and expires on Sep 16, 2023. It includes 'Launch' and 'Manage' buttons. To the right, there is a section titled 'Let IBM provide you technology and business solutions to fit your needs' with a 'View catalog' button. The bottom of the page shows a Windows taskbar with the search bar and various application icons.

UNDERSTANDING THE DATASET:

The screenshot shows an Excel spreadsheet titled "crop_production.srini - Excel (Product Activation Failed)". The data is organized into columns: State_Name, District_Name, Crop_Year, Season, Crop, Area, and Production. The data covers the years 2000 and 2001 for various crops including Arecanut, Other Kharif pulses, Rice, Banana, Cashewnut, Coconut, Dry ginger, Sugarcane, Sweet potato, and Tapioca.

State_Name	District_Name	Crop_Year	Season	Crop	Area	Production
Andaman	NICOBARS	2000	Kharif	Arecanut	1254	2000
Andaman	NICOBARS	2000	Kharif	Other Kharif pulses	2	1
Andaman	NICOBARS	2000	Kharif	Rice	102	321
Andaman	NICOBARS	2000	Whole Year	Banana	176	641
Andaman	NICOBARS	2000	Whole Year	Cashewnut	720	165
Andaman	NICOBARS	2000	Whole Year	Coconut	18168	65100000
Andaman	NICOBARS	2000	Whole Year	Dry ginger	36	100
Andaman	NICOBARS	2000	Whole Year	Sugarcane	1	2
Andaman	NICOBARS	2000	Whole Year	Sweet pot	5	15
Andaman	NICOBARS	2000	Whole Year	Tapioca	40	169
Andaman	NICOBARS	2001	Kharif	Arecanut	1254	2061
Andaman	NICOBARS	2001	Kharif	Other Kharif pulses	2	1
Andaman	NICOBARS	2001	Kharif	Rice	83	300
Andaman	NICOBARS	2001	Whole Year	Cashewnut	719	192
Andaman	NICOBARS	2001	Whole Year	Coconut	18190	64430000
Andaman	NICOBARS	2001	Whole Year	Dry ginger	46	100
Andaman	NICOBARS	2001	Whole Year	Sugarcane	1	1
Andaman	NICOBARS	2001	Whole Year	Sweet pot	11	33
Andaman	NICOBARS	2002	Kharif	Rice	189.2	510.84
Andaman	NICOBARS	2002	Whole Year	Arecanut	1258	2083
Andaman	NICOBARS	2002	Whole Year	Banana	213	1278
Andaman	NICOBARS	2002	Whole Year	Black pepper	63	13.5

DATA MODULE:

The screenshot shows the IBM Cognos Analytics interface with a data module named "crop_production.srini.xlsx". The data is displayed in a table with columns: Row Id, State_Name, District_Name, Crop_Year, Season, Crop, and Area. The data is filtered to show rows 1 through 12.

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

us1.ca.analytics.ibm.com/bi/?perspective=ca-modeller&id=2504632671_dc60b7ae082345d1be4e4b46d09c9796_sessionTemp&objRef=&tid=250463267...

IBM Cognos Analytics with Watson

New data module

Grid Relationships Custom tables

← crop_production.srini.xlsx - View (1)

crop_produc...srini.xlsx crop_produc... - View (1)

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