

# PROJECT DEVELOPMENT PHASE

## SPRINT – 1

Date	24 October 2022
Team ID	PNT2022TMID07696
Project Name	Estimate the Crop Yield Using Data Analytics

### CREATING CLOUD ACCOUNT:

The screenshot shows a web browser window with multiple tabs. The active tab is titled "https://cloud.ibm.com/registration/payment?featureCode=31f3fad27236033fcc236cc27e400b1". The browser's address bar shows the URL. Below the browser window, the IBM Cloud registration page is visible. The page has a dark blue header with the IBM Cloud logo and navigation links for "Catalog", "Cost estimator", and "Docs". The main content area is titled "paywall.secureYourAccount" and features a form for account creation. The form includes a blue button labeled "reg.featureCode.title" with a link "reg.featureCode.linkToPaywall" and an information icon. Below this, there are labels for "reg.featureCode.instructions" and "reg.featureCode.enterCode". The "enterCode" field contains the text "31f3fad27236033fcc236cc27e400b1". At the bottom of the form, there is a label for "reg.featureCode.accountId" with the value "5f8c19d438634165b7a249f72b05f1ff" and an information icon. A large blue button labeled "paywall.createAccount" is positioned below the form. To the right of the form, there is a large blue graphic with the text "Secure your account" and "Create your account for free". The text "Secure your account" is followed by "You're asked to verify your identity by entering credit card information." The text "Create your account for free" is followed by "Access over 40 always-free products. You won't be charged for any usage below the IBM cloud free tier limits." The footer of the page shows the copyright notice "© Copyright IBM Corp. 2014, 2022. All rights reserved." and the Windows taskbar with the search bar and system tray.

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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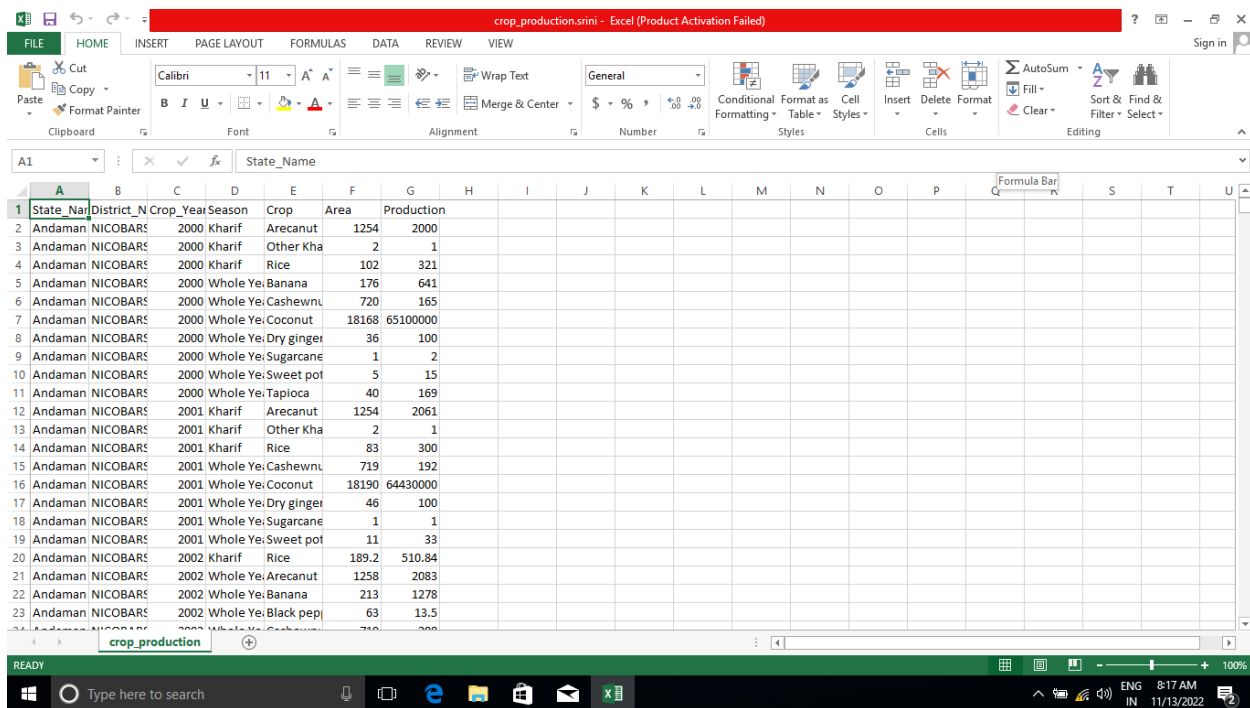
## LOGIN COGNOS ANALYSIS:

The screenshot shows the IBM Cognos Analytics website. The browser address bar displays `ibm.com/products/cognos-analytics`. The page features the IBM logo and navigation links: Products, Solutions, Consulting, Support, and More. A 'Sign in' link and a 'Start trial at no cost' button are visible in the top right. The main heading is 'IBM Cognos Analytics with Watson', followed by the tagline 'Your trusted Watson co-pilot for smarter analytics and confident decisions.' The hero image depicts a person interacting with a large screen displaying data, with a 3D cube structure and a bar chart in the background. A 'Let's talk' button is located in the bottom right of the hero section. The Windows taskbar at the bottom shows the search bar and various application icons.

## LAUNCH COGNOS:

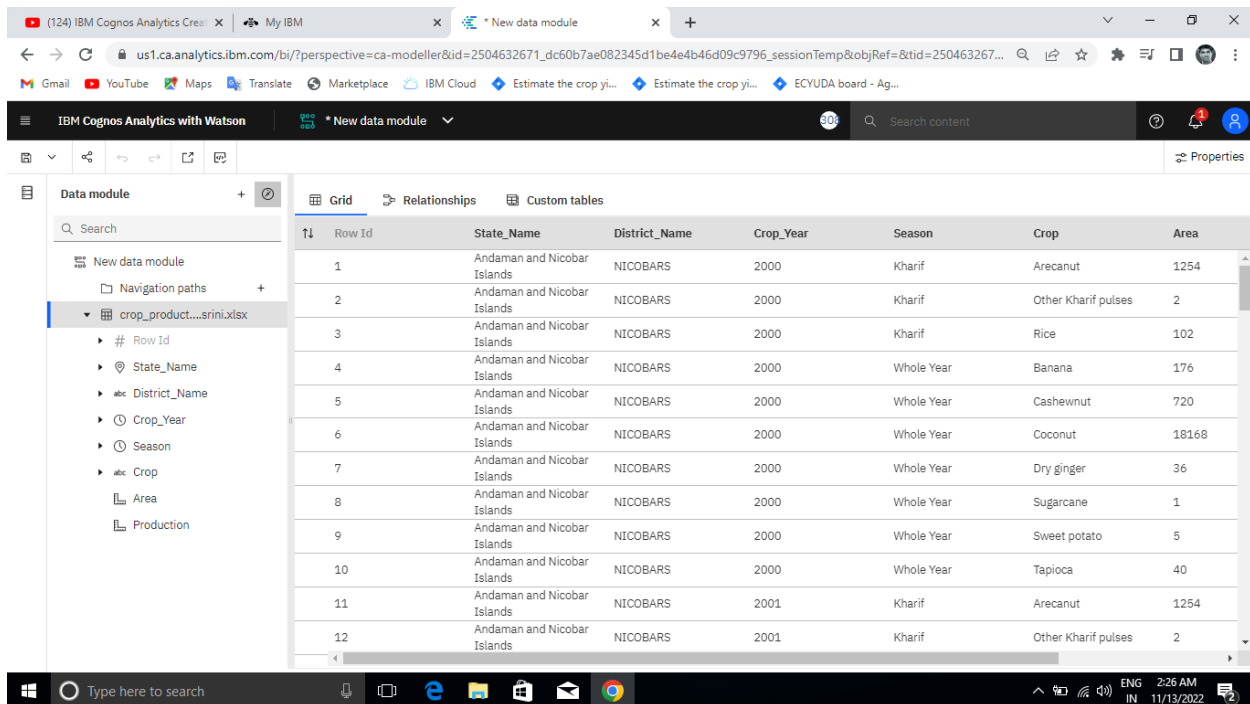
The screenshot shows the 'My IBM' dashboard. The browser address bar displays `myibm.ibm.com/dashboard/`. The page title is 'Products'. Under the 'Trials' section, it indicates '1 Offering'. The trial listed is 'Cognos Analytics on Cloud Trial for Students', which is 'Active' and 'Expires on Sep 16, 2023'. There are 'Launch' and 'Manage' buttons for this trial. To the right, a promotional message states 'Let IBM provide you technology and business solutions to fit your needs' and 'IBM's extensive list of offerings helps you find products that fit your technology and business needs. Get started with a free trial today!'. A 'View catalog' button is present. A link for 'Need help? Get product support' is also visible. The Windows taskbar at the bottom shows the search bar and various application icons.

## UNDERSTANDING THE DATASET:



State_Na	District_N	Crop_Year	Season	Crop	Area	Production
Andaman	NICOBARS	2000	Kharif	Areca nut	1254	2000
Andaman	NICOBARS	2000	Kharif	Other Kha	2	1
Andaman	NICOBARS	2000	Kharif	Rice	102	321
Andaman	NICOBARS	2000	Whole Ye	Banana	176	641
Andaman	NICOBARS	2000	Whole Ye	Cashewnu	720	165
Andaman	NICOBARS	2000	Whole Ye	Coconut	18168	65100000
Andaman	NICOBARS	2000	Whole Ye	Dry ginger	36	100
Andaman	NICOBARS	2000	Whole Ye	Sugarcane	1	2
Andaman	NICOBARS	2000	Whole Ye	Sweet pot	5	15
Andaman	NICOBARS	2000	Whole Ye	Tapioca	40	169
Andaman	NICOBARS	2001	Kharif	Areca nut	1254	2061
Andaman	NICOBARS	2001	Kharif	Other Kha	2	1
Andaman	NICOBARS	2001	Kharif	Rice	83	300
Andaman	NICOBARS	2001	Whole Ye	Cashewnu	719	192
Andaman	NICOBARS	2001	Whole Ye	Coconut	18190	64430000
Andaman	NICOBARS	2001	Whole Ye	Dry ginger	46	100
Andaman	NICOBARS	2001	Whole Ye	Sugarcane	1	1
Andaman	NICOBARS	2001	Whole Ye	Sweet pot	11	33
Andaman	NICOBARS	2002	Kharif	Rice	189.2	510.84
Andaman	NICOBARS	2002	Whole Ye	Areca nut	1258	2083
Andaman	NICOBARS	2002	Whole Ye	Banana	213	1278
Andaman	NICOBARS	2002	Whole Ye	Black pep	63	13.5

## DATA MODULE:



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	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	Areca nut	1254
12	Andaman and Nicobar Islands	NICOBARS	2001	Kharif	Other Kharif pulses	2

(125) Data Module in Ibm Cogn...My IBMNew data module

us1.ca.analytics.ibm.com/bi/?perspective=ca-modeller&id=2504632671\_dc60b7ae082345d1be4e4b46d09c9796\_sessionTemp&objRef=&tid=250463267...

GmailYouTubeMapsTranslateMarketplaceIBM CloudEstimate the crop yi...Estimate the crop yi...ECYUDA board - Ag...

IBM Cognos Analytics with WatsonNew data module30Search content

Data module

Search

New data module

Navigation paths

crop\_produc... - View (1)

crop\_produc...srini.xlsx

GridRelationshipsCustom tables

← crop\_production.srini.xlsx - View (1)

crop\_produc...srini.xlsx

crop\_produc... - View (1)

Search

Refresh

Search

Type here to search

ENG2:42 AM11/13/2022