# Project Development - Delivery Of Sprint-1

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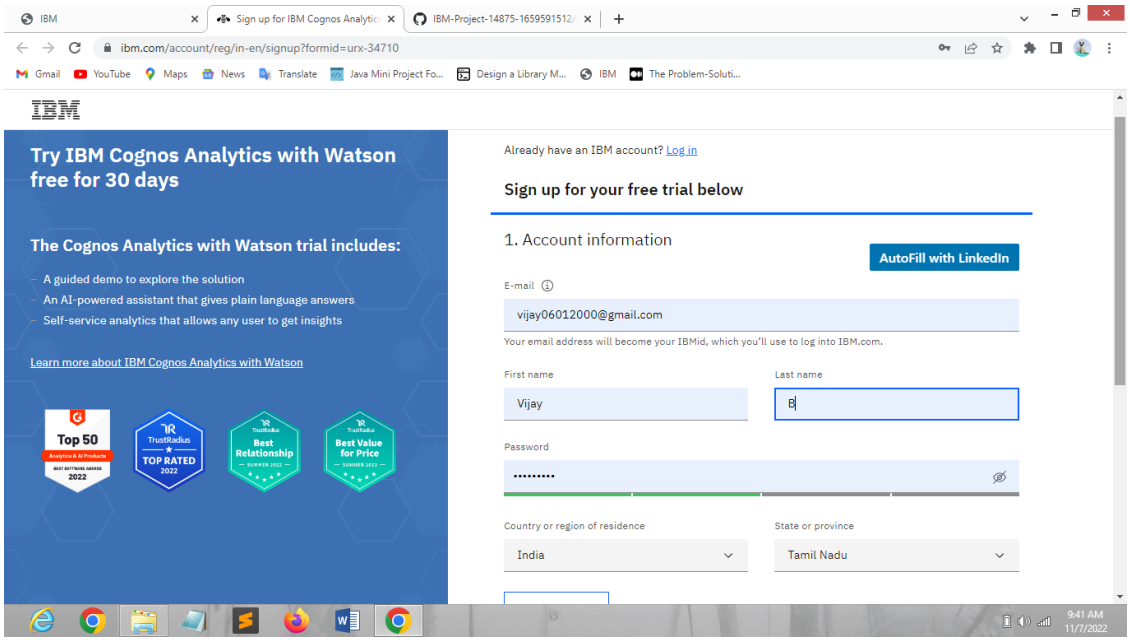
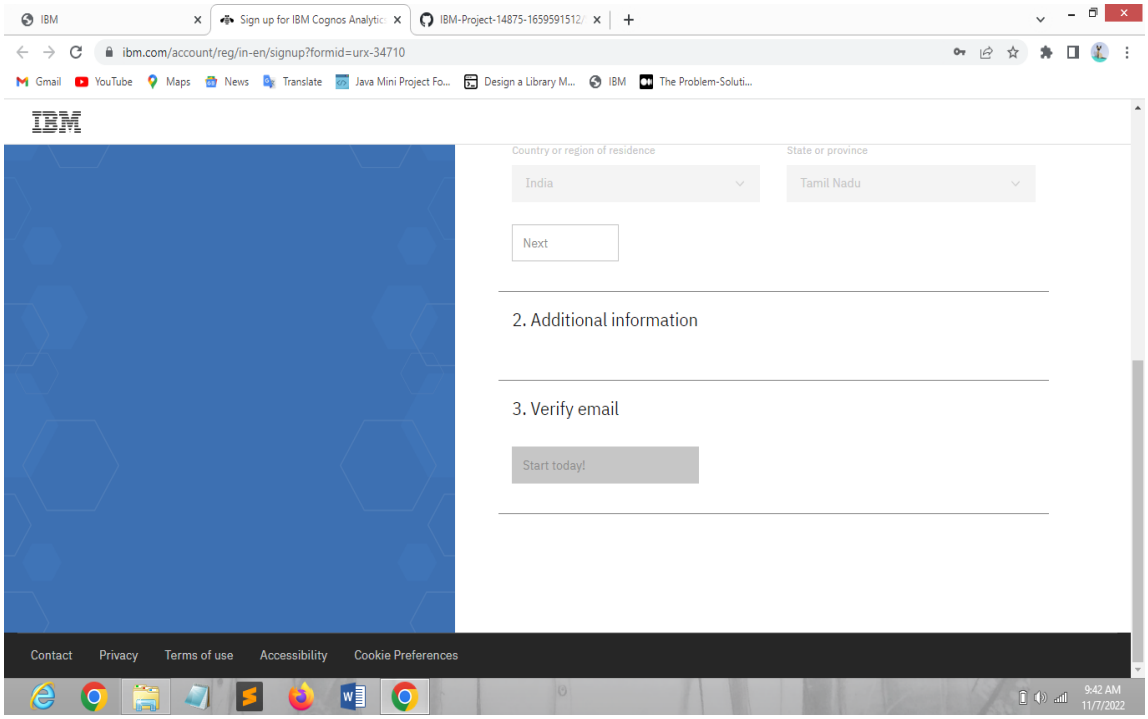
|---|---|
| **Date** | 8 November 2022 |
| **Team ID** | PNT2022TMID42779 |
| **Project Name** | Estimate The Crop Yield Using Data Analytics |

## Registration:

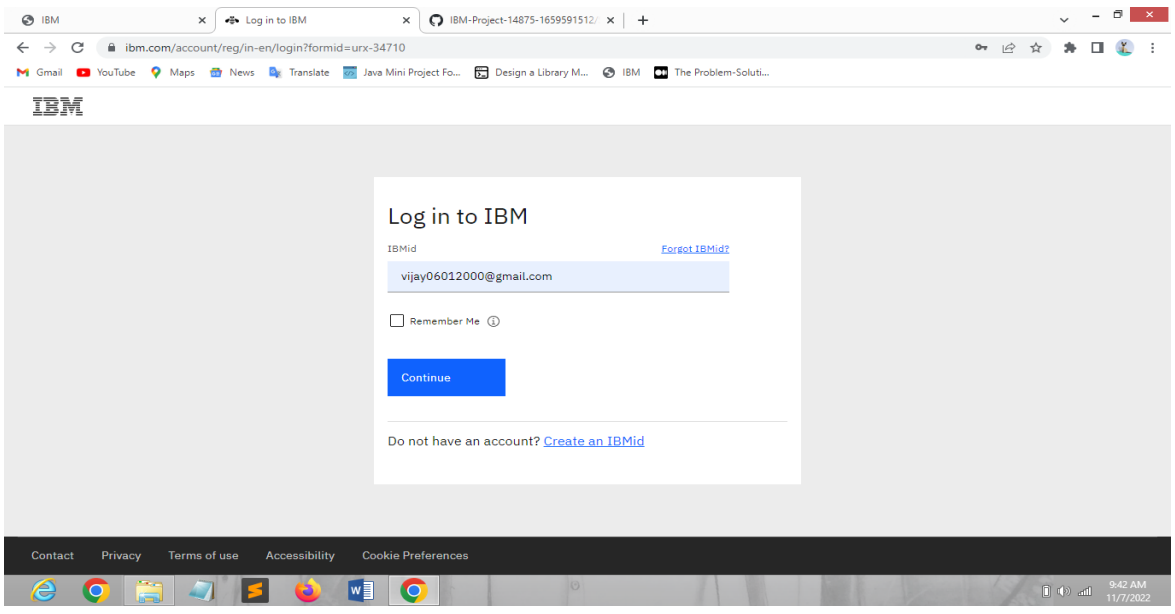
- Registration to the IBM COGONS ANALYTICS web page for the student user.
- Register with validly Email ID and then enter the user name and password through the register pages.
- Then enter Next button
- Enter the Additional Information through the IBM COGONS ANALYTICS
- Finally verify the Email.

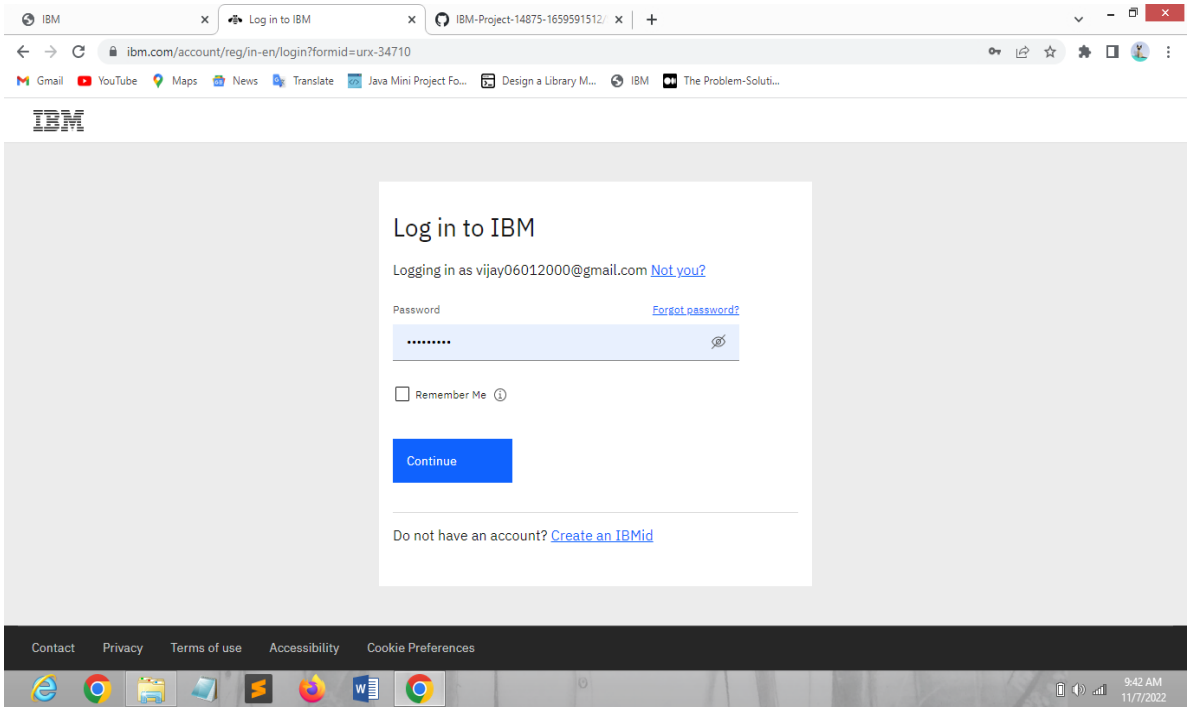





## Login Page:

- After complete the registration process and click login page.
- Enter the registration email ID on the login page and then click continue.
- Enter the password and click continue.

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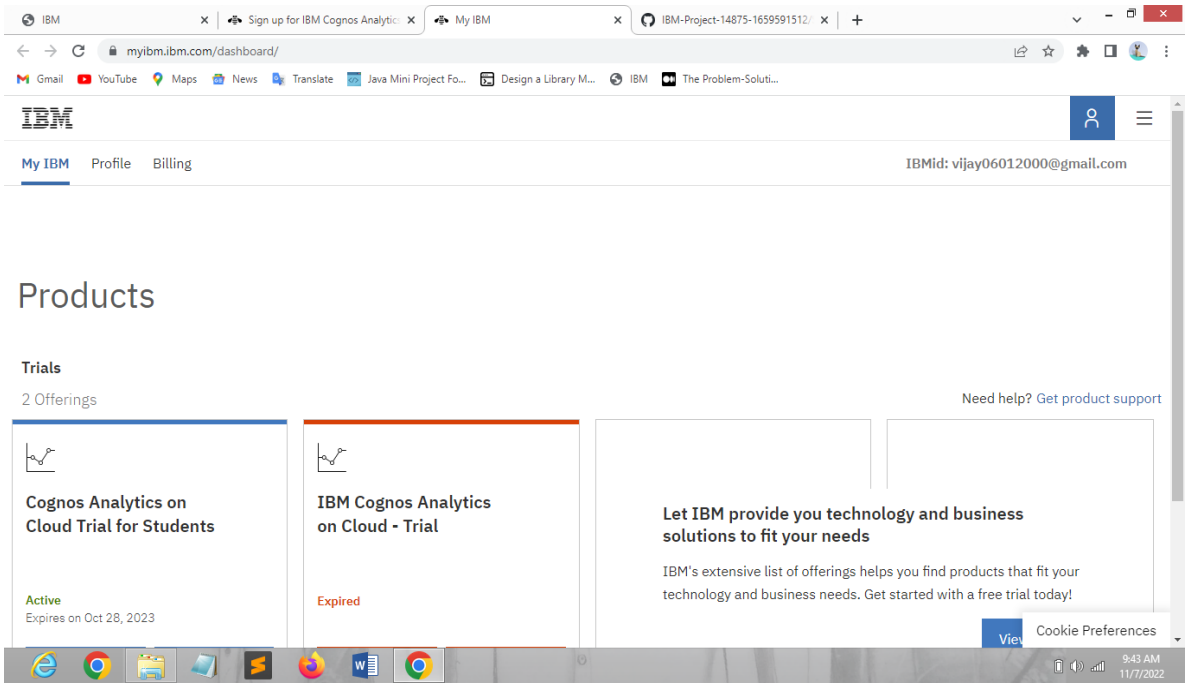
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IBM's extensive list of offerings helps you find products that fit your technology and business needs. Get started with a free trial today!
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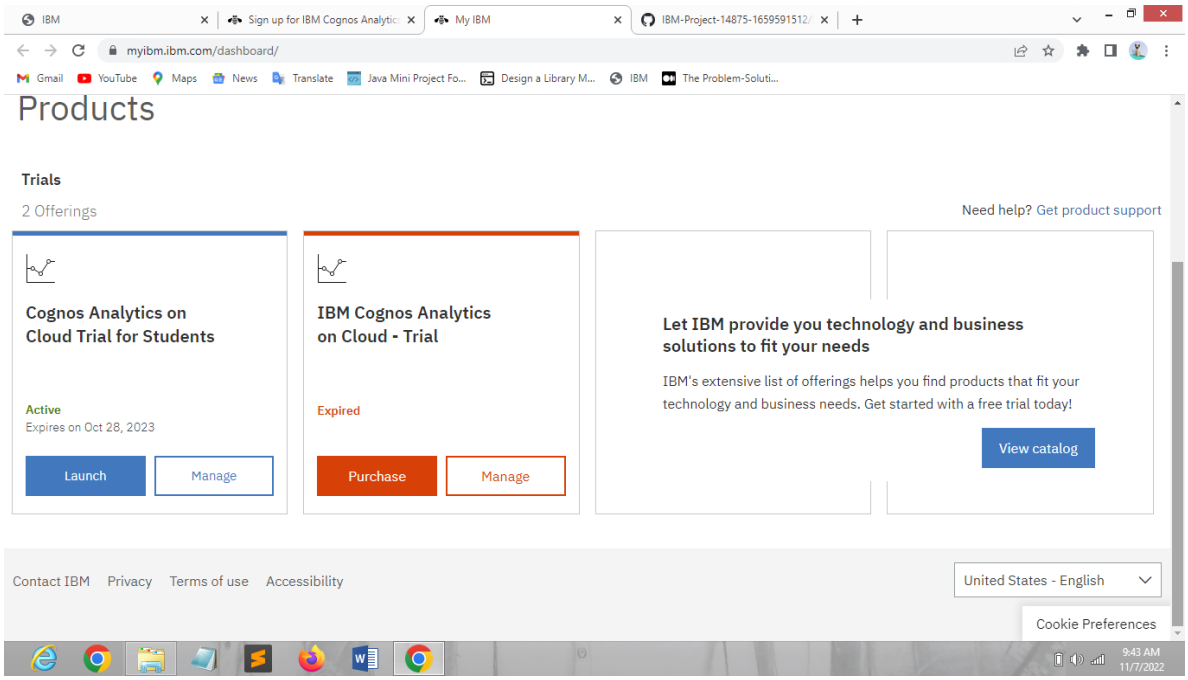
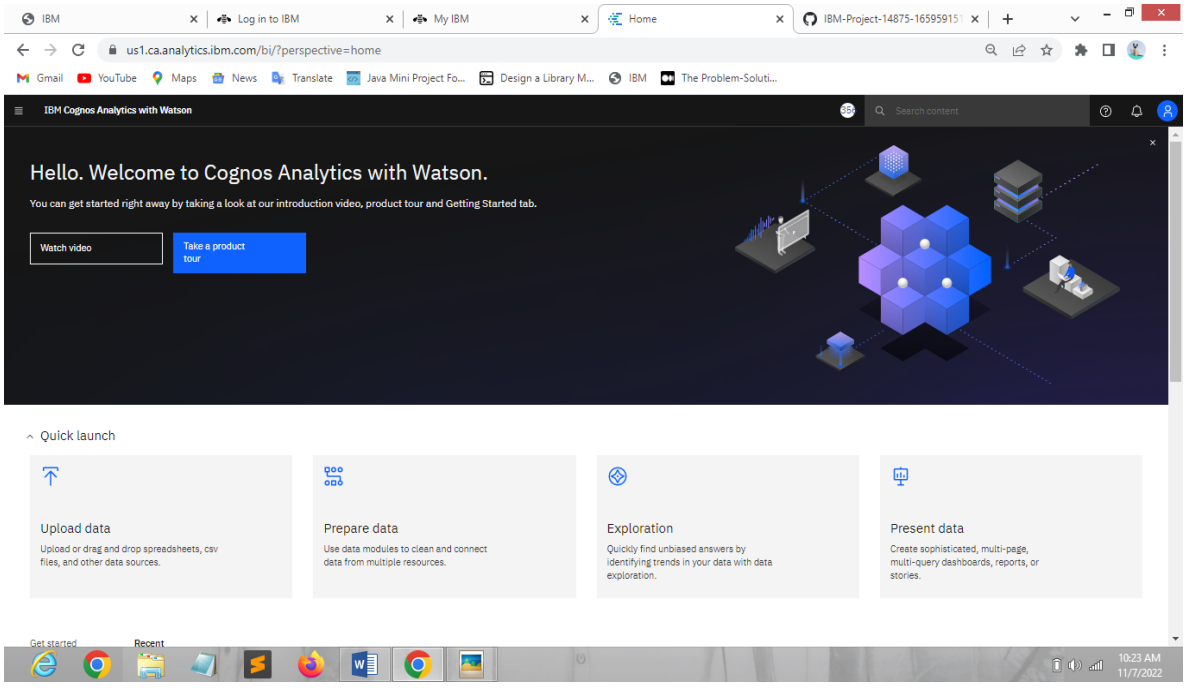



## Working with the Dataset:

- After complete and then click launch button.
- Then the particular page will be display.



## Understanding The Dataset:

This project is based on a understanding the crop production of India. Download the dataset from the below link. It has 2, 46,092 data points (rows) and 6 features (columns) describing each crop production related details.

**Dataset Link**: Dataset

Let's understand the data we're working with and give a brief overview of what each feature represents or should represent

1. State Name - All the Indian State names.

2. District Name -Different District names.

3. Crop Year- contains the crop years.

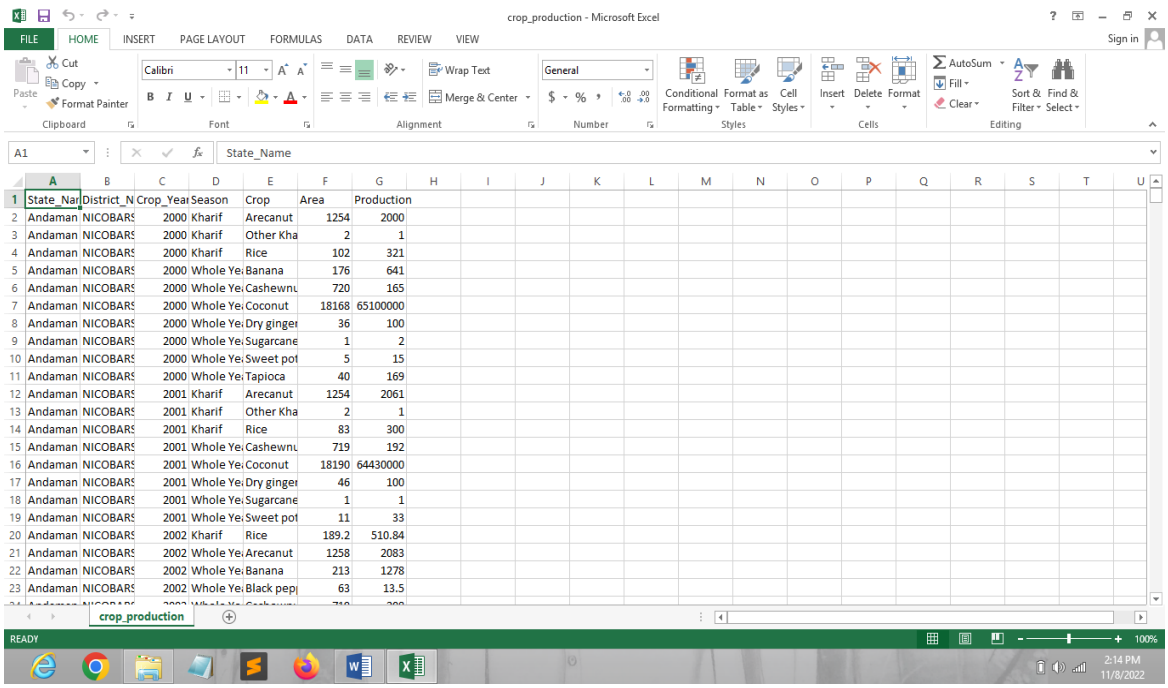
4. Season – Different seasons for crop production.

5. Area- Total number of areas covered.

6. Production- production of crops.

Then click the given dataset link. The dataset links shows the web page and then download the given dataset.

The dataset contains the crop production in India.

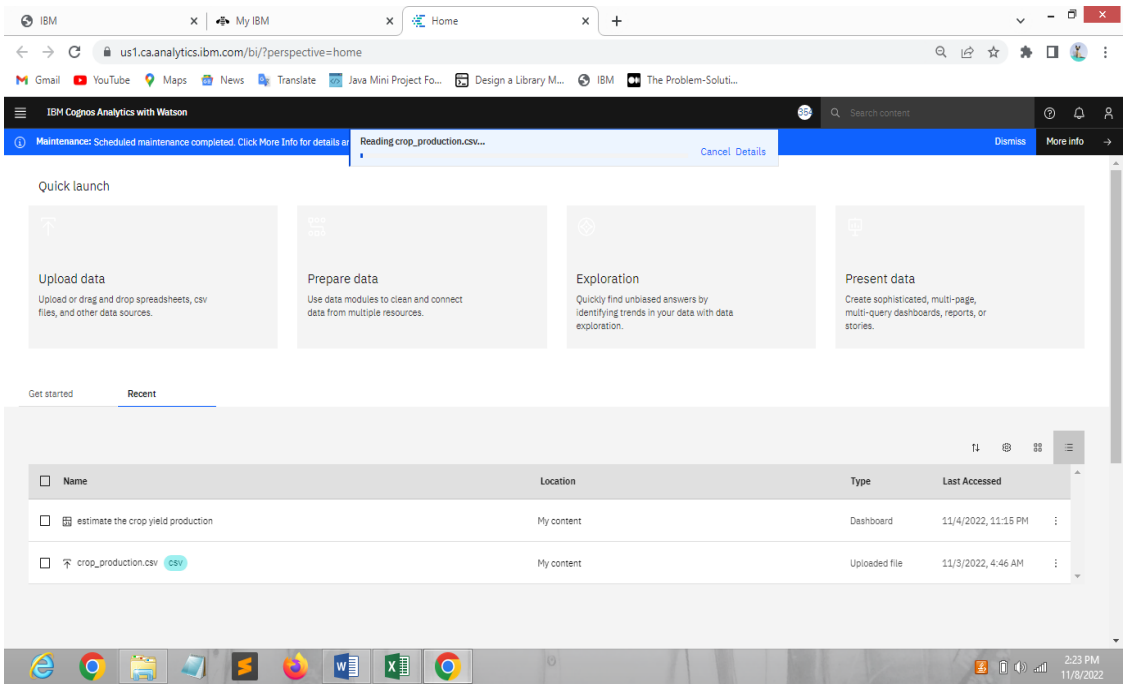


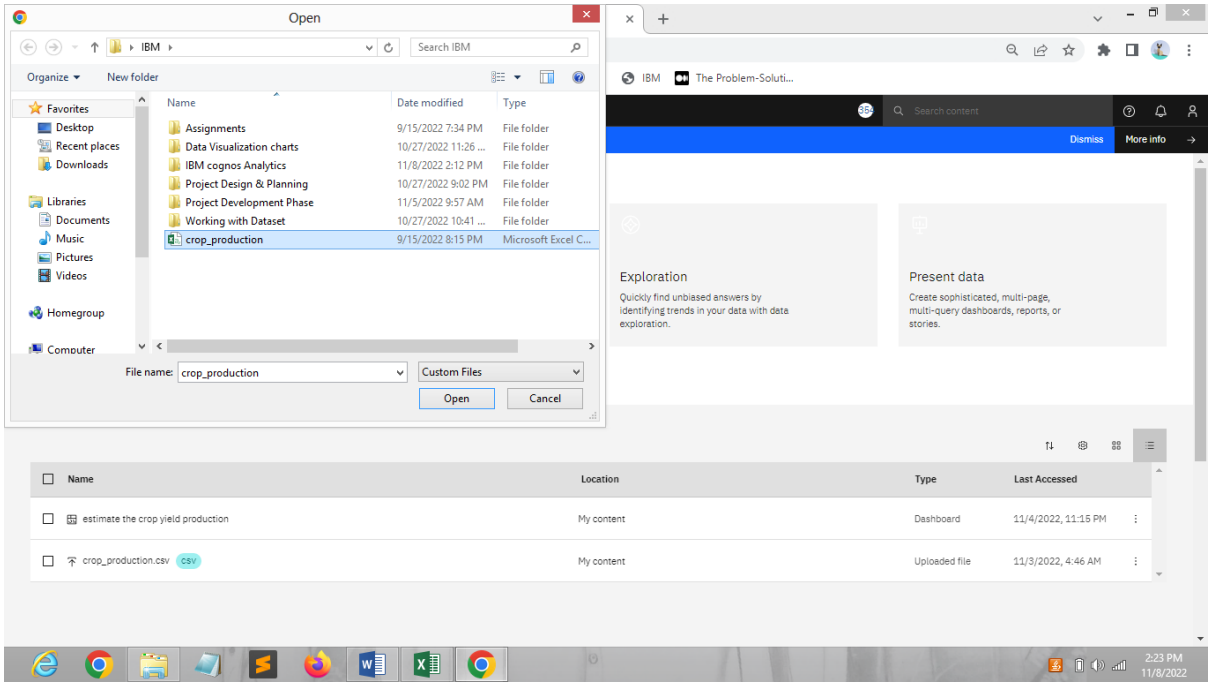
## Loading The Dataset

Before we can build a view and analyze our data, we must first connect the data to IBM Cognos. Cognos supports connecting to a wide variety of data, stored in a variety of places.

The data might be stored on our computer in a spreadsheet or a text file, or in a big data, relational, or cube (multidimensional) database on a server in our enterprise.

- First click the upload data and then click the required files.
- Then click ok button.

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Exploration
Quickly find unbiased answers by identifying trends in your data with data exploration.
Present data
Create sophisticated, multi-page, multi-query dashboards, reports, or stories.
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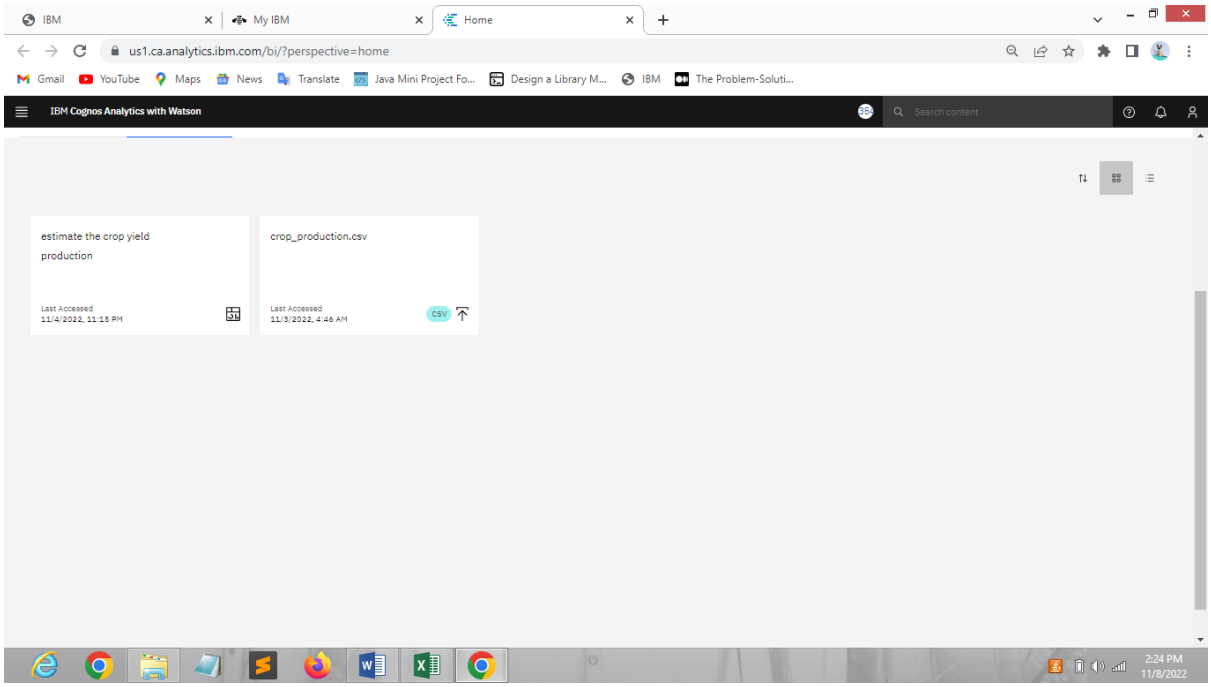
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