

## Project Development phase Sprint-1

### Analysis and Estimation(Working and Loading the dataset)

Date	29 October 2022
Team ID	PNT2022TMID32482
Project Name	ESTIMATION OF CROP YIELD USING DATA ANALYTICS

#### Working with the Dataset:

#### 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](#)

Firstly, download the dataset.Data Given in csv file is understood clearly.In case of understanding the data, we have been working with and give a brief overview of what each feature represents or should represent

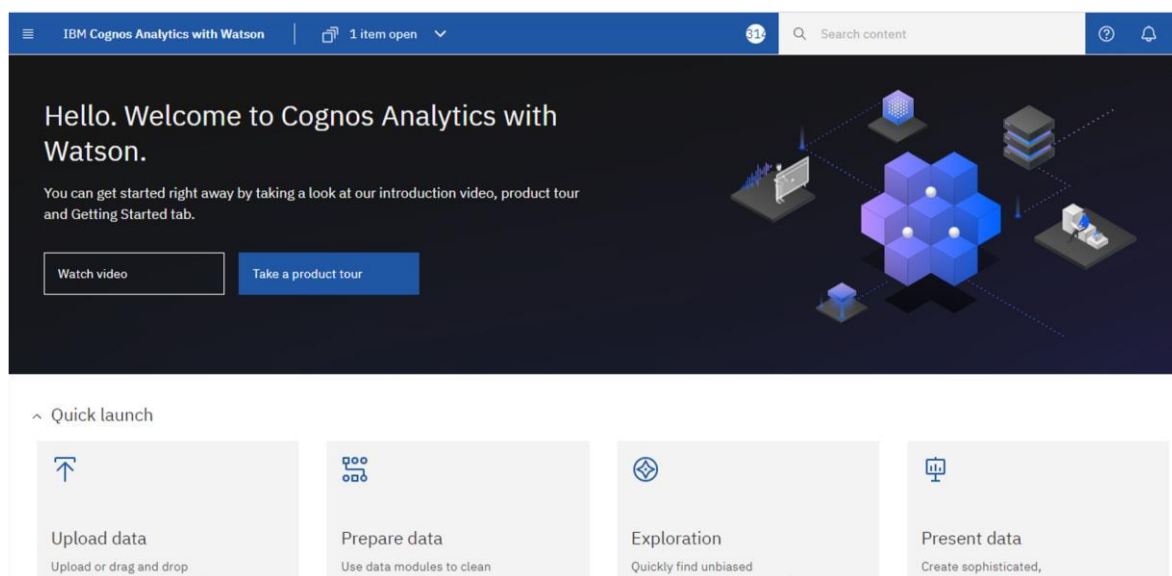
1. State Name - All the Indian State names.
2. District Name -Different District names.
3. Crop Year- contains the crop years.
4. Season – Different seasons for crop production.
5. Area- Total number of areas covered.
6. Production- production of crops.

#### Loading the Dataset:

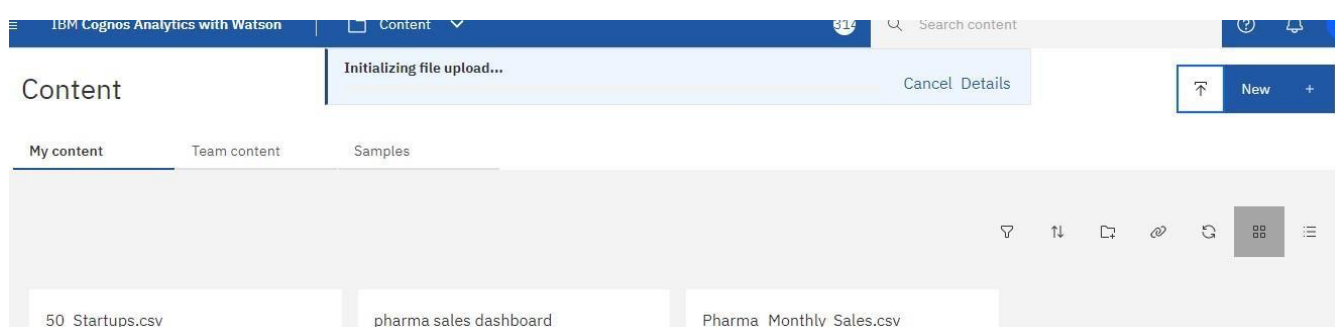
Before building a view and analyze firstly, we have made a connect of the data to IBM Cognos. Cognos supports connecting to a wide variety of data, stored in a variety of places.

The data might be stored on your computer in a spreadsheet or a text file, or in a big data, relational, or cube (multidimensional) database on a server in your enterprise. In our case, we will be using a spreadsheet or text file for making our analysis.

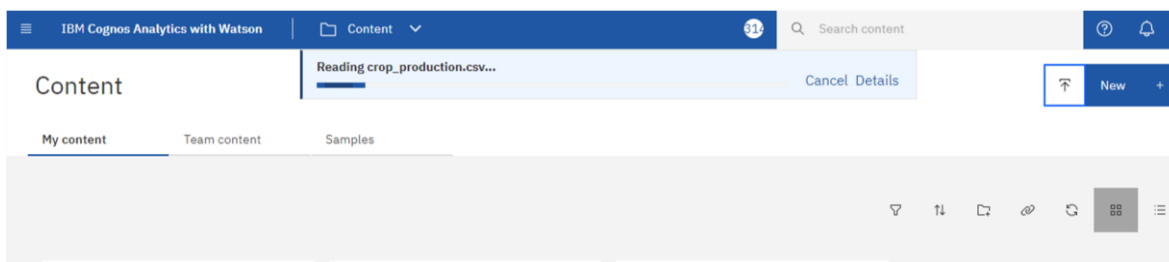
STEP:1:Login in to the IBM Cognos Analytics with IBM ID and Password.



Step:2:Click on upload data and Upload the data Initialising the upload:



Reading the crop production dataset:



Analysing the crop production:



And,Finally the dataset has been uploaded successfully.

