

Project Development phase Sprint-1

Analysis and Estimation(Working and Loading the dataset)

Date	11 NOVEMBER 2022
Team ID	PNT2022TMID03196
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.

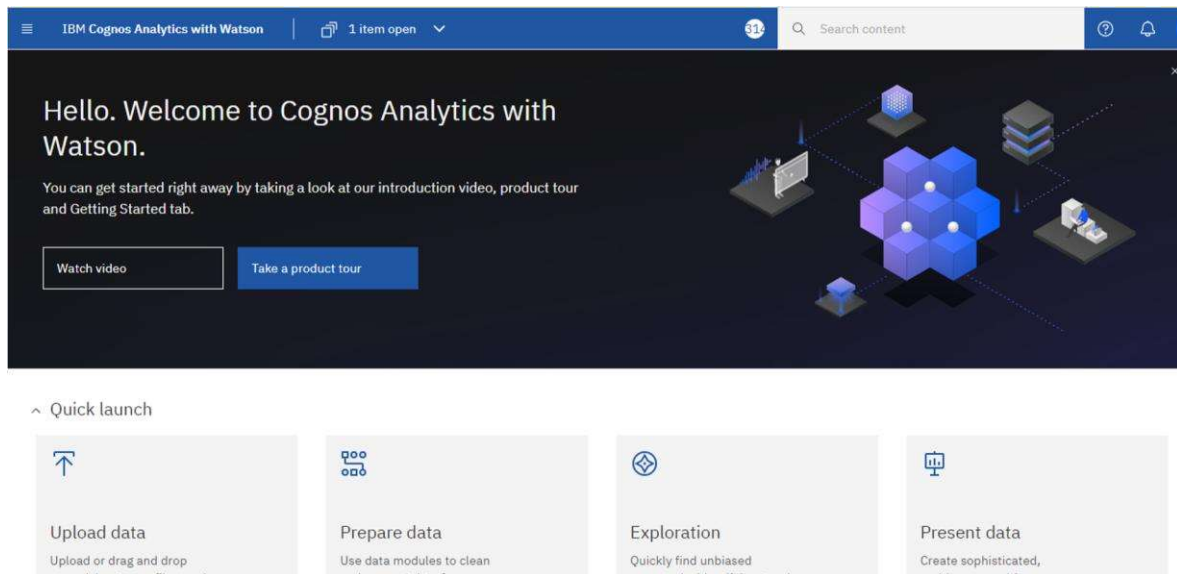
	state_name	district_name	crop_year	season
1	Andaman and Nicobar Islands	NICOBARS	2000	Kharif
2	Andaman and Nicobar Islands	NICOBARS	2000	Kharif
3	Andaman and Nicobar Islands	NICOBARS	2000	Kharif
4	Andaman and Nicobar Islands	NICOBARS	2000	Whole Year
5	Andaman and Nicobar Islands	NICOBARS	2000	Whole Year
6	Andaman and Nicobar Islands	NICOBARS	2000	Whole Year
7	Andaman and Nicobar Islands	NICOBARS	2000	Whole Year
8	Andaman and Nicobar Islands	NICOBARS	2000	Whole Year
9	Andaman and Nicobar Islands	NICOBARS	2000	Whole Year
10	Andaman and Nicobar Islands	NICOBARS	2000	Whole Year
11	Andaman and Nicobar Islands	NICOBARS	2001	Kharif
12	Andaman and Nicobar Islands	NICOBARS	2001	Kharif

Loading the Dataset:

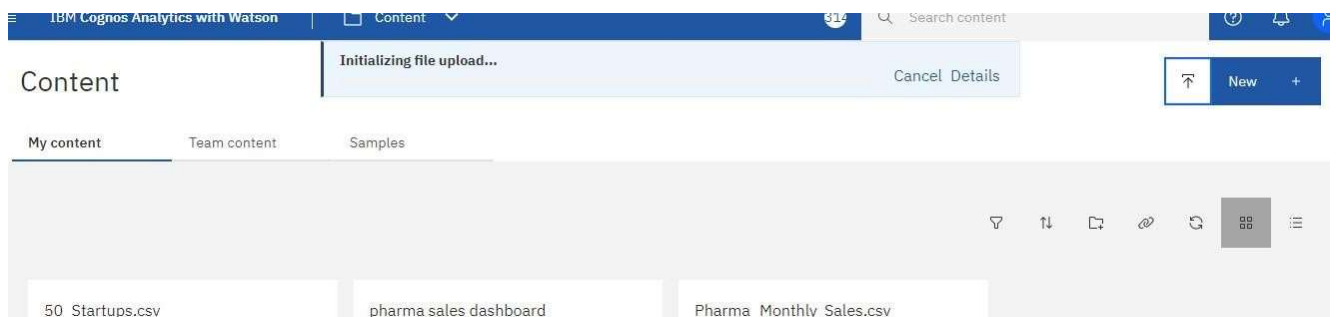
Before building a view and analyze firstly, we have made a connect of the data to IBM Cognos. Cognos supports connecting to a wide variety of data, stored in a variety of places.

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.

