Project Development phase Sprint-1

Analysis and Estimation(Working and Loading the dataset)

Date	27 October 2022
Team ID	PNT2022TMID15871
Project Name	Estimate the Crop Yield using Data Analytics

Working with the Dataset:

Understanding the dataset:

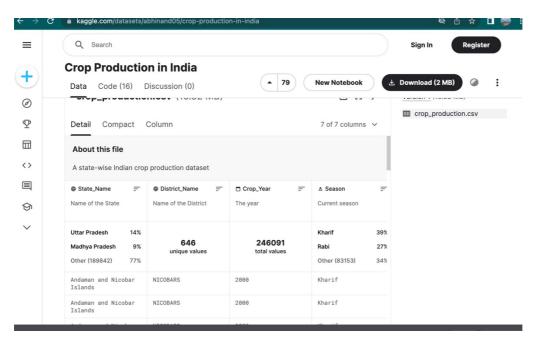
27 October 2022 PNT2022TMID40341

Project - ESTIMATION OF CROP YIELD USING DATA ANALYTICS

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.

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.

