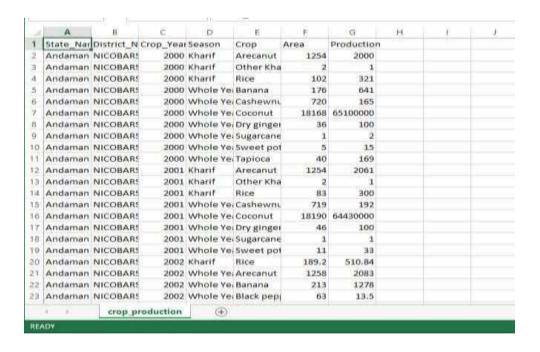
# PROJECT DEVELOPMENT PHASE

### **SPRINT-2**

Date	03 November 2022
Team ID	PNT2022TMID09610
Project Name	ESTIMATION OF CROP YIELD USING DATA ANALYTICS

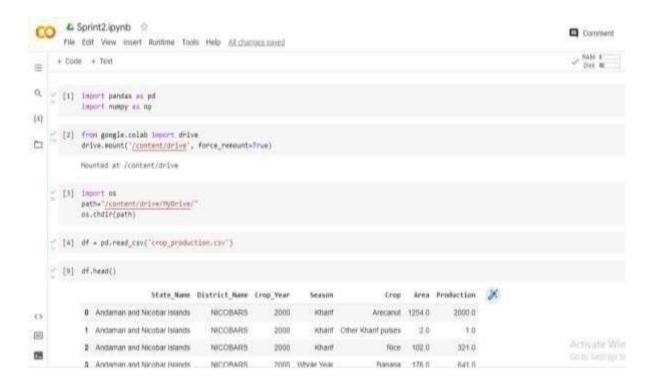
#### **WORKING WITH DATASETS:**

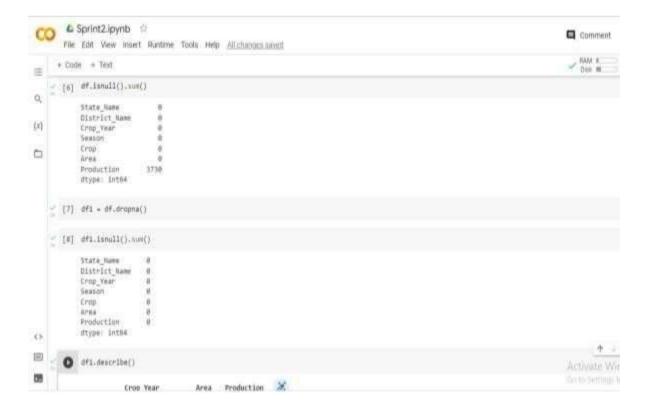
> Dataset used is as follows,

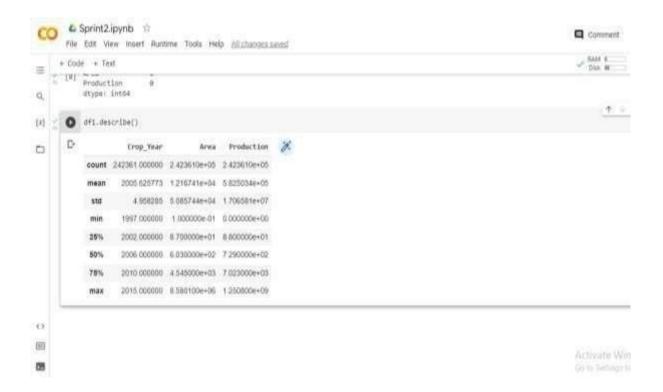


This dataset consists of columns like State Name, District Name, Crop, Season, Crop year, Area and Production.

> Importing and cleaning the dataset in Google Colab platform,

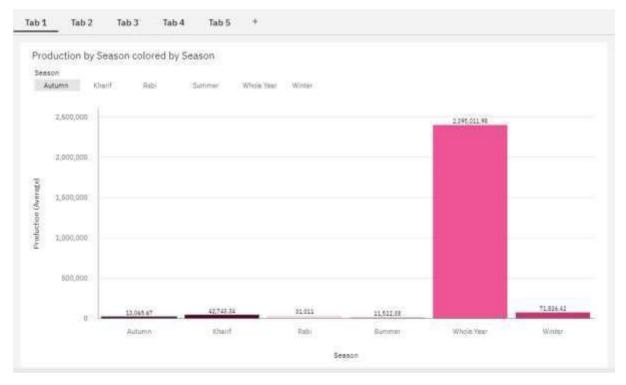






#### **DATA VISUALIZATION CHARTS:**

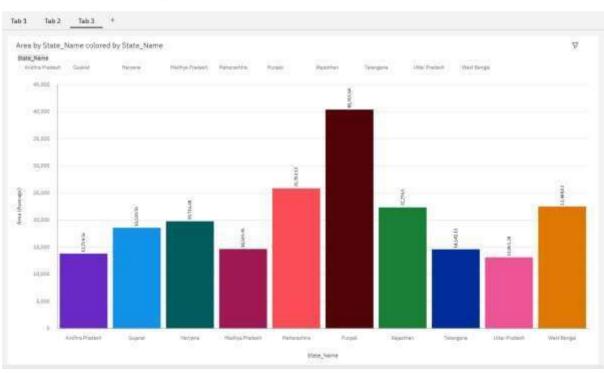
Visualization on Seasons with average Production



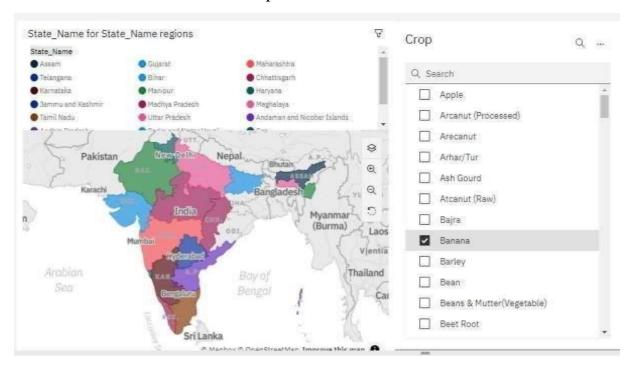
## • Visualization with years usage of Area and Production



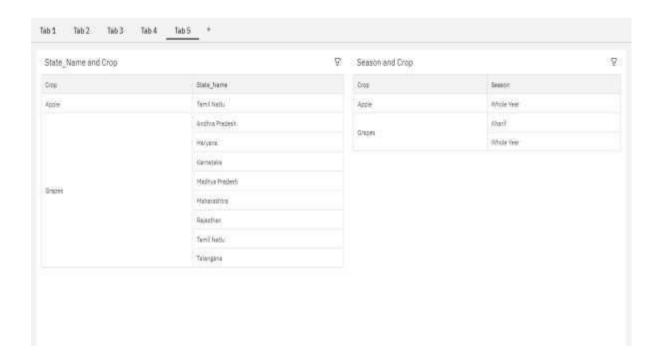
### • Visualization on top 10 States with most Area



• Visualization on State with Crop Production



• Visualization on States with the Crop Production along with Season



The above visualizations are created using the COGNOS platform.