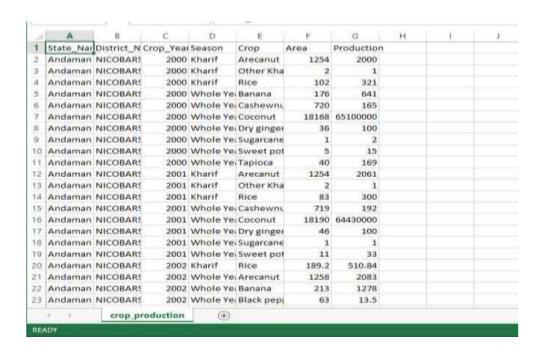
PROJECT DEVELOPMENT PHASE

SPRINT-2

Date	03 November 2022
Team ID	PNT2022TMID54302
Project Name	ESTIMATION OF CROP YIELD USING DATA ANALYTICS

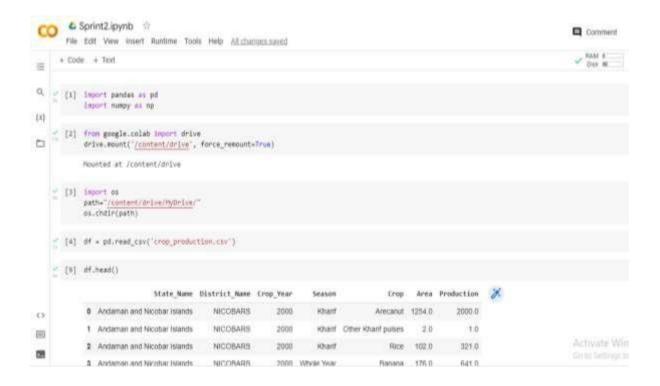
WORKING WITH DATASETS:

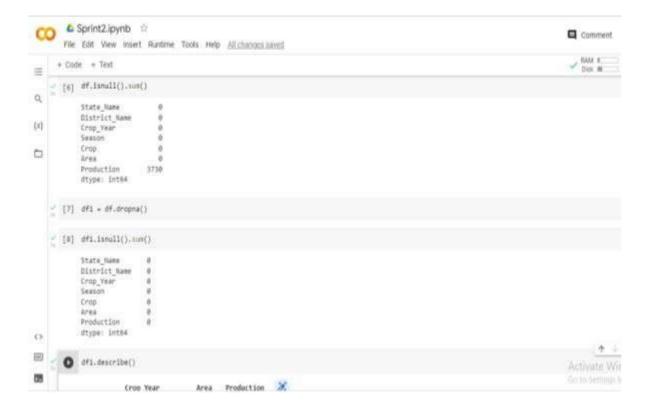
> Dataset used is as follows,

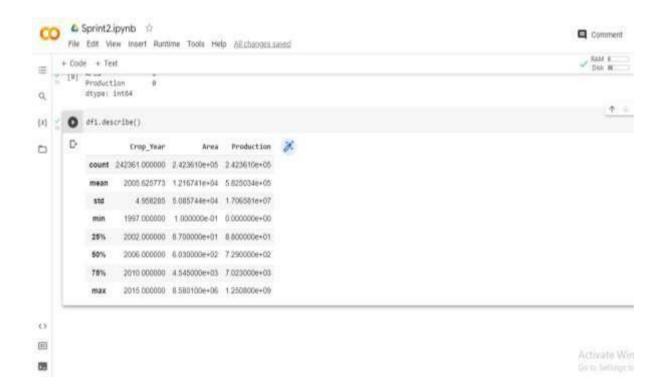


This dataset consists of columns like State Name, District Name, Crop, Season, Crop year, Area and Production.

➤ Importing and cleaning the dataset in Google Colab platform,

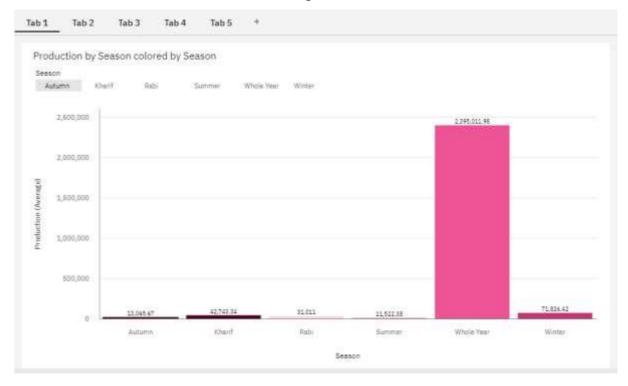




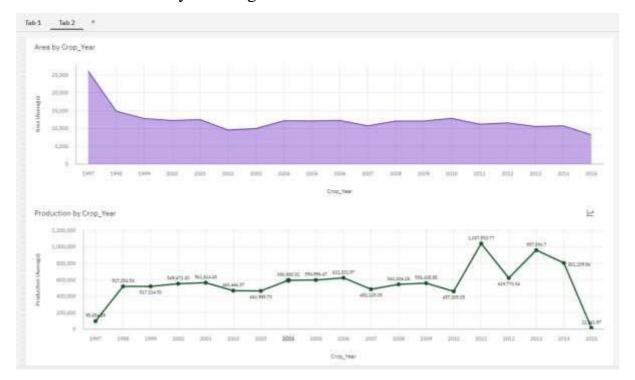


DATA VISUALIZATION CHARTS:

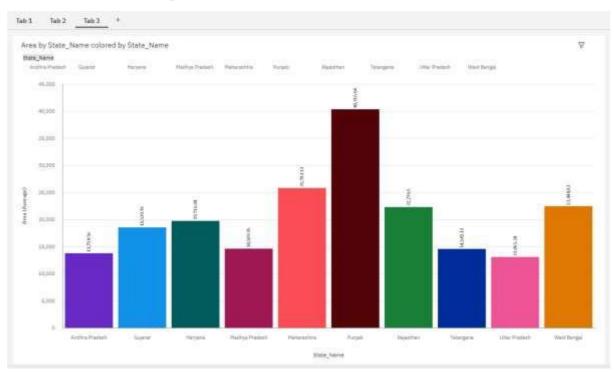
• Visualization on Seasons with average Production



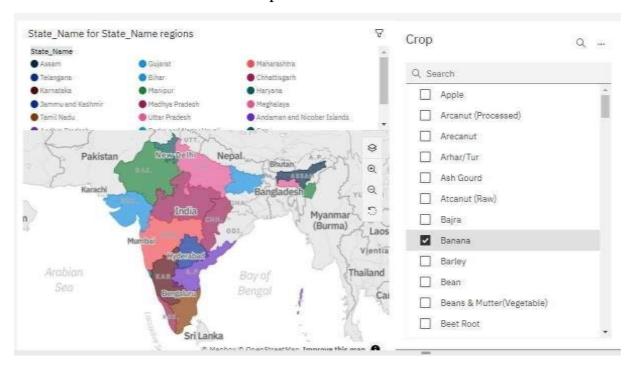
• Visualization with years usage of Area and Production



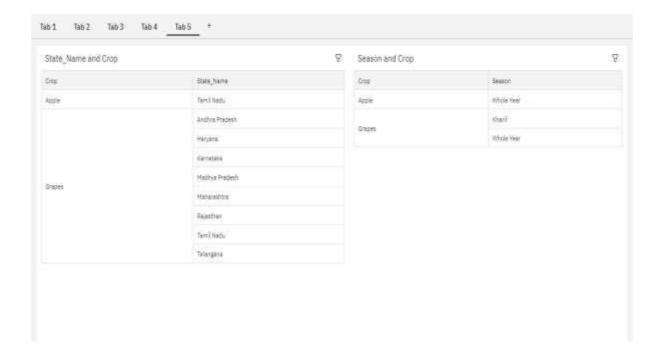
• Visualization on top 10 States with most Area



• 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.