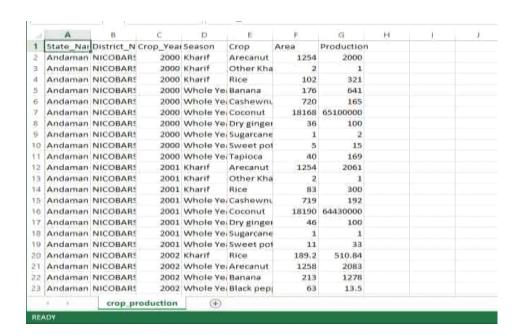
PROJECT DEVELOPMENT PHASE

SPRINT-2

Date	19 November 2022
Team ID	PNT2022TMID21909
Project Name	ESTIMATION OF CROP YIELD USING DATA ANALYTICS

WORKING WITH DATASETS:

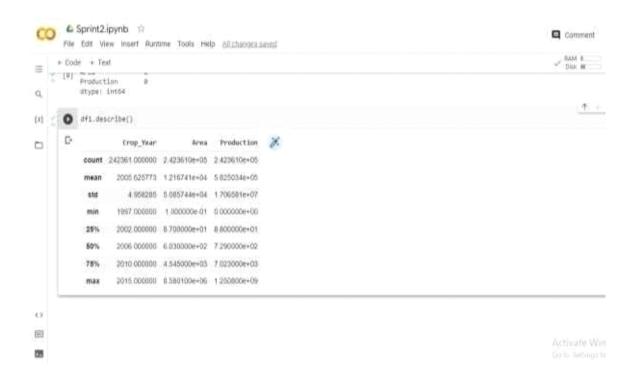
• Dataset used is as follows,



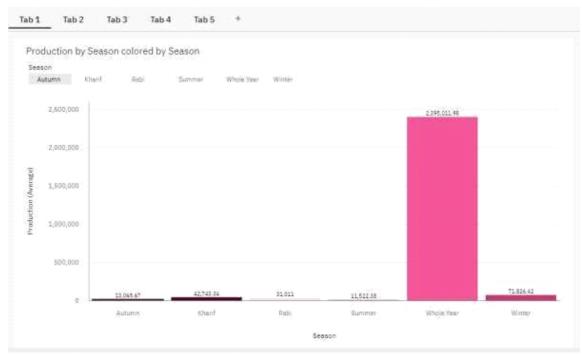
This dataset consists of columns like State Name, District Name, Crop, Season, Crop year, Area and Production.

• Importing and cleaning the dataset in Google Colab platform,



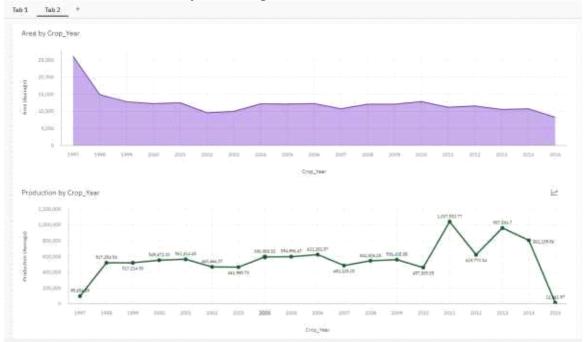


DATA VISUALIZATION CHARTS:

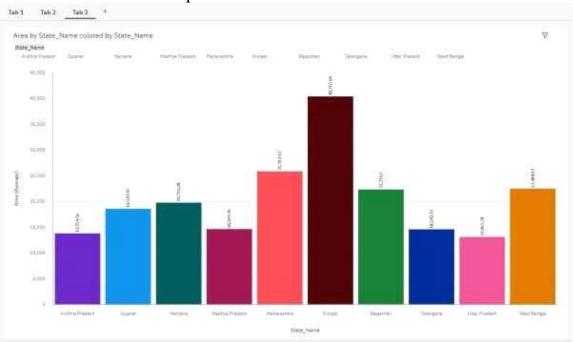


Visualization on Seasons with average Production

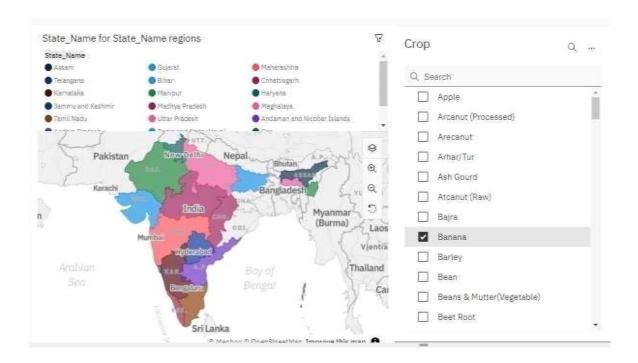
Visualization with years usage of Area and Production



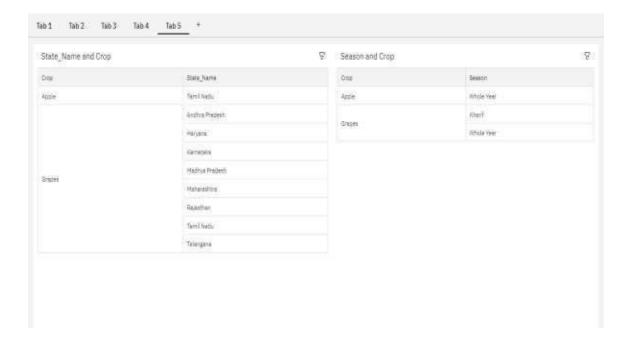
□ Visualization on top 10 States with most Area



☐ 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.