

Data Upload in Jupyter Notebook

Team ID	PNT2022TMID53366
Project Name	Estimate the Crop Yield using Data Analytics

The screenshot displays a Jupyter Notebook environment with the following components:

- Browser Tabs:** Home Page - Select or create a n..., NT - Jupyter Notebook, Crop Production Prediction | Kag...
- Address Bar:** localhost:8888/notebooks/NT.ipynb
- Navigation Bar:** File, Edit, View, Insert, Cell, Kernel, Widgets, Help. Status: Not Trusted, Python 3 (ipykernel).
- Code Cells:**
 - In [1]:** Imports pandas as pd, matplotlib.pyplot as plt, seaborn as sns, and numpy as np.
 - In [2]:** Reads a CSV file from "C:/Users/sowmi/Downloads/crop_production.csv" and displays the first 5 rows.
 - Out[2]:** A table showing crop production data for Andaman and Nicobar Islands in 2000.
 - In [3]:** Drops NaN values and prints the shape of the resulting data frame.
 - In [4]:** Calculates the sum of production and creates a new column for the percentage of production.
- Output:** The output of In [2] is a table with 8 columns: State_Name, District_Name, Crop_Year, Season, Crop, Area, and Production. It shows data for Andaman and Nicobar Islands in 2000, including crops like Arecanut, Other Kharif pulses, Rice, Banana, and Cashewnut.
- System Tray:** Shows temperature (25°C), AQI (41), search bar, and system clock (09:58 PM, 13-11-2022).