

# Data Upload in Jupyter Notebook

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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:** jupyter NT Last Checkpoint: an hour ago (autosaved) Logout
- Menu Bar:** File Edit View Insert Cell Kernel Widgets Help
- Toolbar:** Not Trusted Python 3 (ipykernel) O
- Code Cells:**
  - In [1]:**

```
import pandas as pd
import matplotlib.pyplot as plt
import seaborn as sns
import numpy as np
```
  - In [2]:**

```
df = pd.read_csv("C:/Users/sowmi/Downloads/crop_production.csv")
df[:5]
```
  - Out[2]:** A table showing crop production data for Andaman and Nicobar Islands, NICOBARS, 2000, Kharif, Other Kharif pulses, Rice, and Banana.
  - In [3]:**

```
# Dropping Nan Values
data = df.dropna()
print(data.shape)
test = df[~df["Production"].notna()].drop("Production", axis=1)
print(test.shape)
```
  - In [4]:**

```
sum_maxp = data["Production"].sum()
data["percent_of_production"] = data["Production"].map(lambda x: (x/sum_maxp)*100)
```
- Output:** (242361, 7) and (3730, 6)
- Warning:** C:\Users\sowmi\AppData\Local\Temp\ipykernel\_17696\1048416122.py:2: SettingWithCopyWarning: A value is trying to be set on a copy of a slice from a DataFrame.