

# Working With The Dataset

## Understanding The Dataset

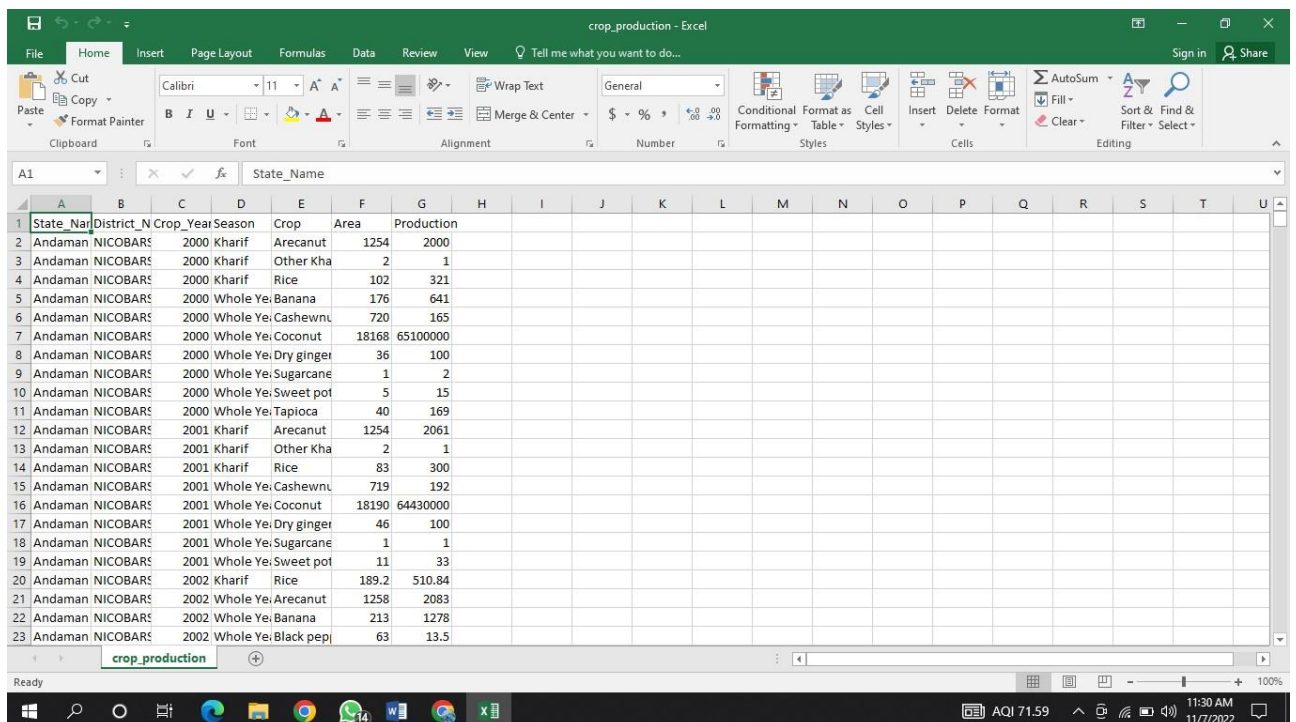
|              |  |
|--------------|--|
| Team ID      | PNT2022TMID00319                             |
| Project Name | Estimate The Crop Yield Using Data Analytics |

This project is based on a understanding the crop production of India .Download the dataset from the below link. It has 2,46,092 data points (rows) and 6 features (columns) describing each crop production related details.

**Dataset Link :** [Dataset](#)

Let's understand the data we're working with and give a brief overview of what each feature represents or should represent

1. State Name - All the Indian State names.
2. District Name -Different District names.
3. Crop Year- contains the crop years.
4. Season \_ Different seasons for crop production.
5. Area- Total number of areas covered.
6. Production- production of crops.



| State Name     | District Name | Crop Year  | Season | Crop     | Area | Production |
|----------------|---------------|------------|--------|----------|------|------------|
| Andaman NIOBAR | 2000 Kharif   | Areca nut  | 1254   | 2000     |      |            |
| Andaman NIOBAR | 2000 Kharif   | Other Kha  | 2      | 1        |      |            |
| Andaman NIOBAR | 2000 Kharif   | Rice       | 102    | 321      |      |            |
| Andaman NIOBAR | 2000 Whole Ye | Banana     | 176    | 641      |      |            |
| Andaman NIOBAR | 2000 Whole Ye | Cashewnu   | 720    | 165      |      |            |
| Andaman NIOBAR | 2000 Whole Ye | Coconut    | 18168  | 65100000 |      |            |
| Andaman NIOBAR | 2000 Whole Ye | Dry ginger | 36     | 100      |      |            |
| Andaman NIOBAR | 2000 Whole Ye | Sugarcane  | 1      | 2        |      |            |
| Andaman NIOBAR | 2000 Whole Ye | Sweet pot  | 5      | 15       |      |            |
| Andaman NIOBAR | 2000 Whole Ye | Tapioca    | 40     | 169      |      |            |
| Andaman NIOBAR | 2001 Kharif   | Areca nut  | 1254   | 2061     |      |            |
| Andaman NIOBAR | 2001 Kharif   | Other Kha  | 2      | 1        |      |            |
| Andaman NIOBAR | 2001 Kharif   | Rice       | 83     | 300      |      |            |
| Andaman NIOBAR | 2001 Whole Ye | Cashewnu   | 719    | 192      |      |            |
| Andaman NIOBAR | 2001 Whole Ye | Coconut    | 18190  | 64430000 |      |            |
| Andaman NIOBAR | 2001 Whole Ye | Dry ginger | 46     | 100      |      |            |
| Andaman NIOBAR | 2001 Whole Ye | Sugarcane  | 1      | 1        |      |            |
| Andaman NIOBAR | 2001 Whole Ye | Sweet pot  | 11     | 33       |      |            |
| Andaman NIOBAR | 2002 Kharif   | Rice       | 189.2  | 510.84   |      |            |
| Andaman NIOBAR | 2002 Whole Ye | Areca nut  | 1258   | 2083     |      |            |
| Andaman NIOBAR | 2002 Whole Ye | Banana     | 213    | 1278     |      |            |
| Andaman NIOBAR | 2002 Whole Ye | Black pepi | 63     | 13.5     |      |            |