



Project CIND820.ipynb



Try.ipynb



Code



```
[1]: # This Imports Libraries
      %pip install seaborn
```

```
[2]: # This Imports Libraries
      import pandas as pd
      import seaborn as sns
      import os
      import matplotlib.pyplot as plt
      %matplotlib inline
```

```
[3]: # This Loads dataset in CSV
      df = pd.read_csv('Dataset.csv')
      # This displays general information about the dataset
      print("Dataset Information:")
      print(df.info())
```

Dataset Information:

<class 'pandas.core.frame.DataFrame'>

RangeIndex: 56 entries, 0 to 55

Data columns (total 6 columns):

#	Column	Non-Null Count	Dtype
0	Year	56 non-null	int64
1	Precipitation	56 non-null	float64
2	Max Temperature	56 non-null	float64
3	Min Temperature	56 non-null	float64
4	Corn	56 non-null	float64
5	Soybean	56 non-null	float64

dtypes: float64(5), int64(1)

memory usage: 2.7 KB

None

```
[4]: # This displays Summary Statistics of the numerical columns in the dataset
      print("\nSummary Statistics:")
      print(df.describe())
```

Summary Statistics:

	Year	Precipitation	Max Temperature	Min Temperature	\
count	56.000000	56.000000	56.000000	56.000000	
mean	1992.500000	66.294286	6.151786	-3.10375	
std	16.309506	4.404068	1.062960	1.05181	

Simple

0



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Python (Pyodide) | Idle