**UNEMPLOYMENT ANALYSIS WITH PYTHON**

**Dataset: Unemployment in India.csv**

**CODE:**

import pandas as pd

import numpy as np

import matplotlib.pyplot as plt

import seaborn as sns

import plotly.express as px

data = pd.read\_csv("C:/Users/User/Desktop/IRIS/Unemployment in India.csv")

print(data.head())

**Result:**

Region Date Frequency Estimated Unemployment Rate (%) \

0 Andhra Pradesh 31-05-2019 Monthly 3.65

1 Andhra Pradesh 30-06-2019 Monthly 3.05

2 Andhra Pradesh 31-07-2019 Monthly 3.75

3 Andhra Pradesh 31-08-2019 Monthly 3.32

4 Andhra Pradesh 30-09-2019 Monthly 5.17

Estimated Employed Estimated Labour Participation Rate (%) Area

0 11999139.0 43.24 Rural

1 11755881.0 42.05 Rural

2 12086707.0 43.50 Rural

3 12285693.0 43.97 Rural

4 12256762.0 44.68 Rural

#Continue

data.columns= ["Region","Date","Frequency",

               "Estimated Unemployment Rate (%)",

               "Estimated Employed",

               "Estimated Labour Participation Rate (%)",

               "Area"]

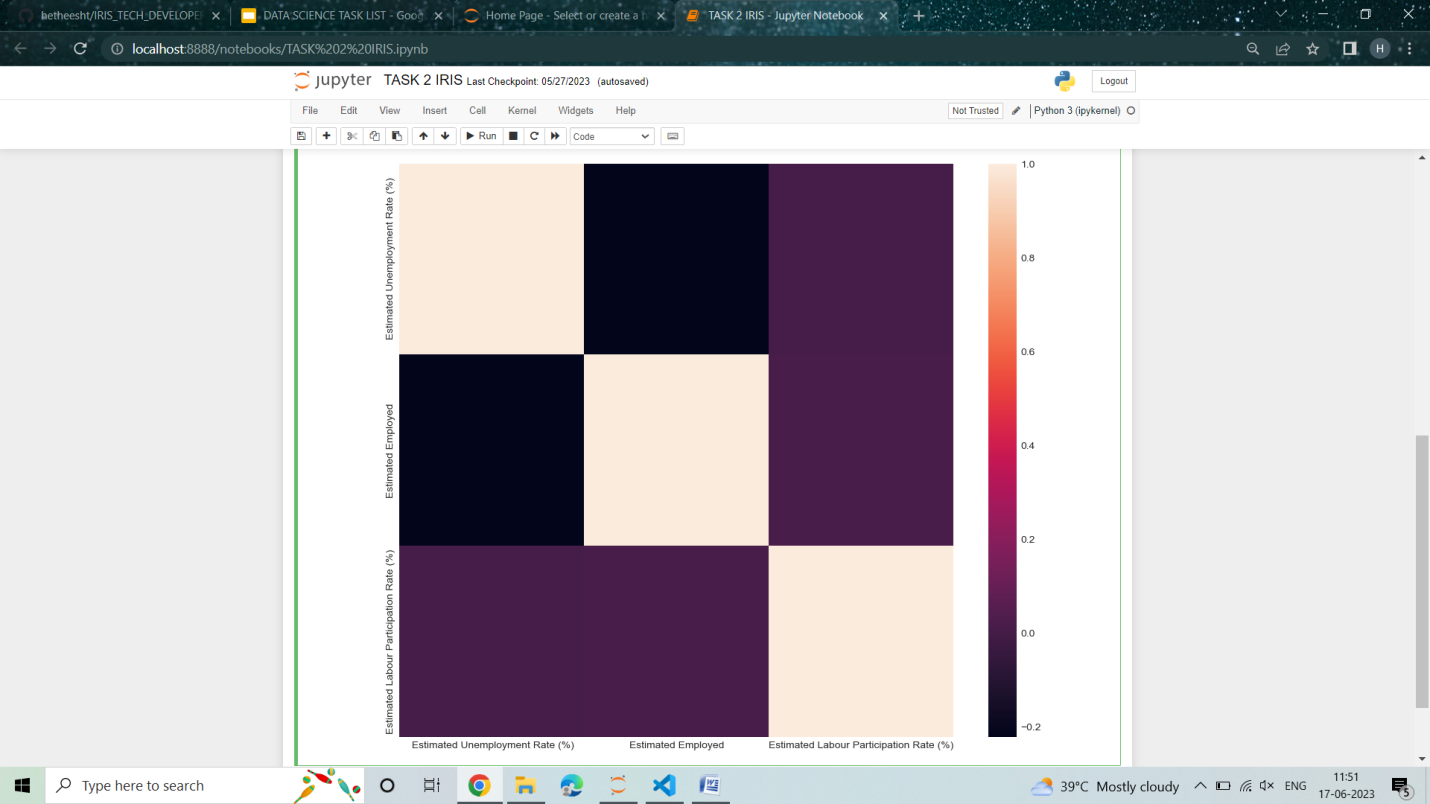
plt.style.use('seaborn-v0\_8-whitegrid')

plt.figure(figsize=(12, 10))

sns.heatmap(data.corr(numeric\_only = True))

plt.show()

**OUTPUT:** The below picture shows the output

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