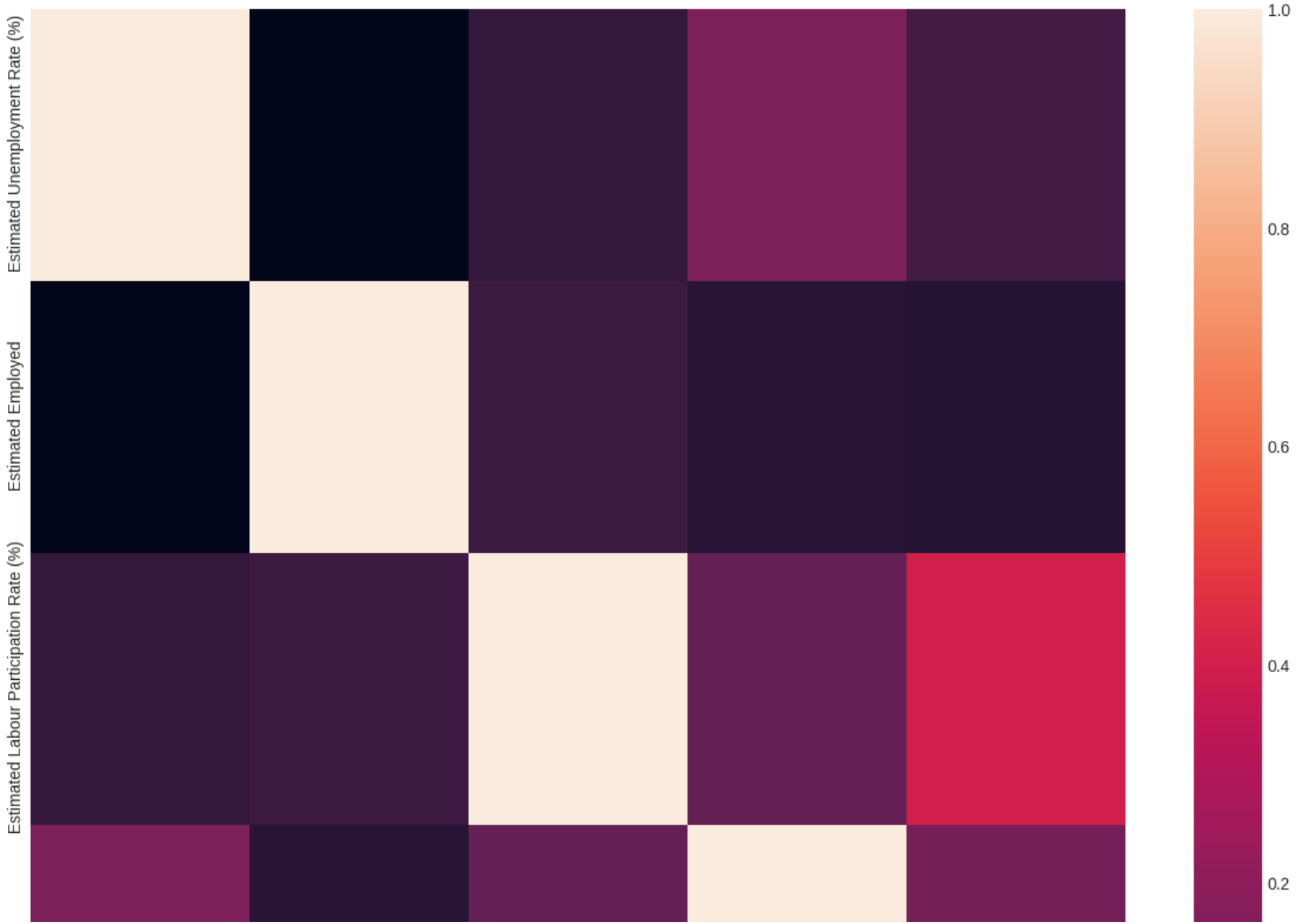
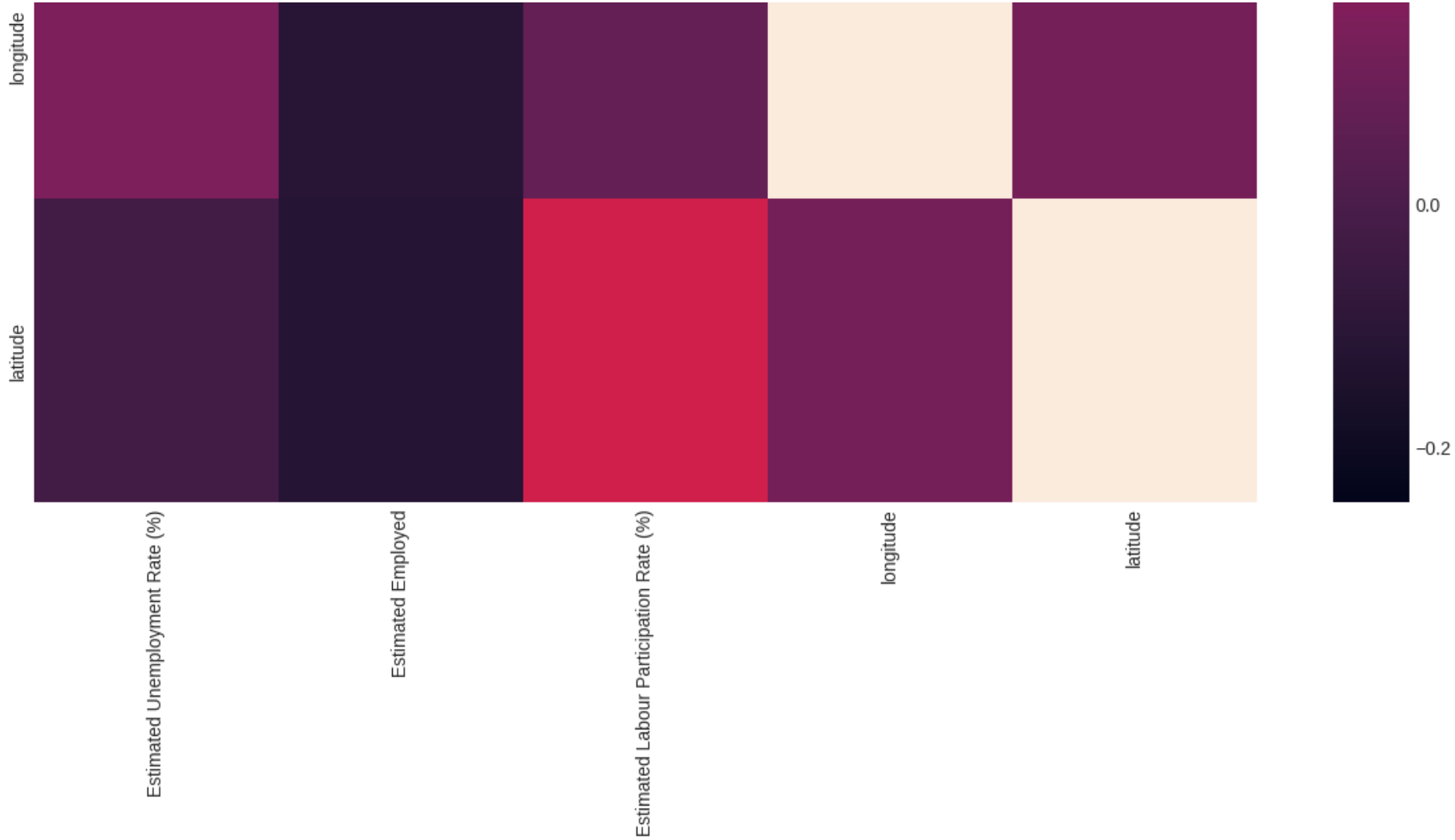
```
import numpy as np
import matplotlib.pyplot as plt
import seaborn as sns
import plotly.express as px
import pandas as pd


df = pd.read_csv("Unemployment in India.csv")
df2 = pd.read_csv("Unemployment_Rate_upto_11_2020.csv")
df2.head()
df.describe()
```

	Estimated Unemployment Rate (%)	Estimated Employed	Estimated Labour Participation Rate (%)
count	740.000000	7.400000e+02	740.000000
mean	11.787946	7.204460e+06	42.630122
std	10.721298	8.087988e+06	8.111094
min	0.000000	4.942000e+04	13.330000
25%	4.657500	1.190404e+06	38.062500
50%	8.350000	4.744178e+06	41.160000
75%	15.887500	1.127549e+07	45.505000
max	76.740000	4.577751e+07	72.570000

```
plt.style.use('seaborn-whitegrid')
plt.figure(figsize=(15,15))
sns.heatmap(df2.corr())
plt.show()
```

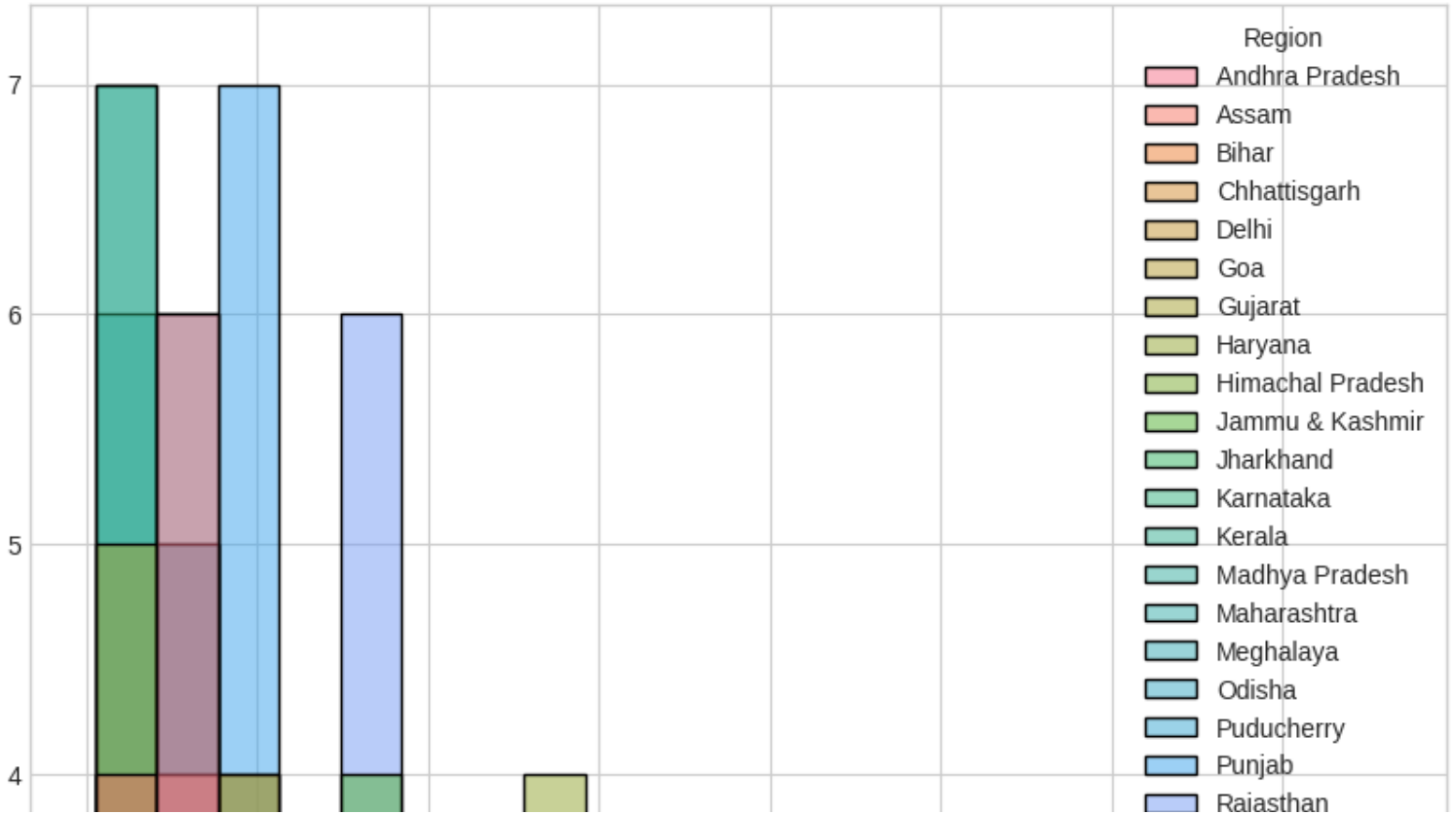
```
<ipython-input-3-70affe4858fb>:1: MatplotlibDeprecationWarning: The seaborn styles shipped by Matplotlib are deprecated since 3
  plt.style.use('seaborn-whitegrid')
<ipython-input-3-70affe4858fb>:3: FutureWarning: The default value of numeric_only in DataFrame.corr is deprecated. In a future
  sns.heatmap(df2.corr())
```




longitude
latitude
Estimated Unemployment Rate (%)
Estimated Employed
Estimated Labour Participation Rate (%)
longitude
latitude
0.0
−0.2

```
df2.columns=["Region", "Date","frequency","Estimated Unemployment Rate","Estimated Employed","Estimated Labour Participation Rate","Region "
plt.title("Indian Employment")
sns.histplot(x="Estimated Employed" ,hue="Region",data =df2)
plt.show()
```


```
plt.figure(figsize=(10,12))
plt.title="Unemployment"
#plt.ylabel=('y axis')
sns.histplot(x="Estimated Unemployment Rate",hue ="Region",data=df2)
plt.show()
```




```
unemployment = df2[["Region","Estimated Unemployment Rate",]]
fig=px.sunburst(unemployment,path=["Region"],values="Estimated Unemployment Rate",title="Estimated Unemployment ")
fig.show()
```

Estimated Unemployment