In [1]:
```
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("Unemployment in India.csv")
print(data.head())
```

```
            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
```

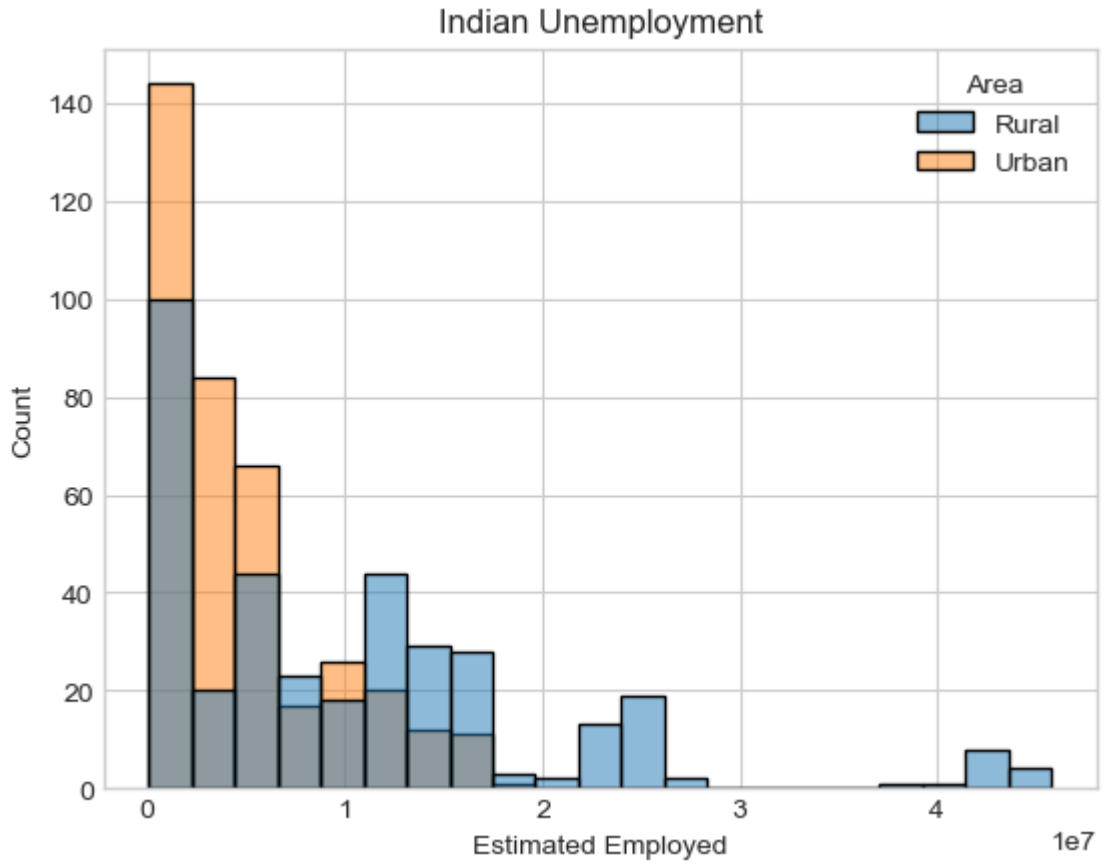
In [2]:
```
print(data.isnull().sum())
```

```
Region                                   28
 Date                                    28
 Frequency                               28
 Estimated Unemployment Rate (%)         28
 Estimated Employed                      28
 Estimated Labour Participation Rate (%)    28
Area                                     28
dtype: int64
```

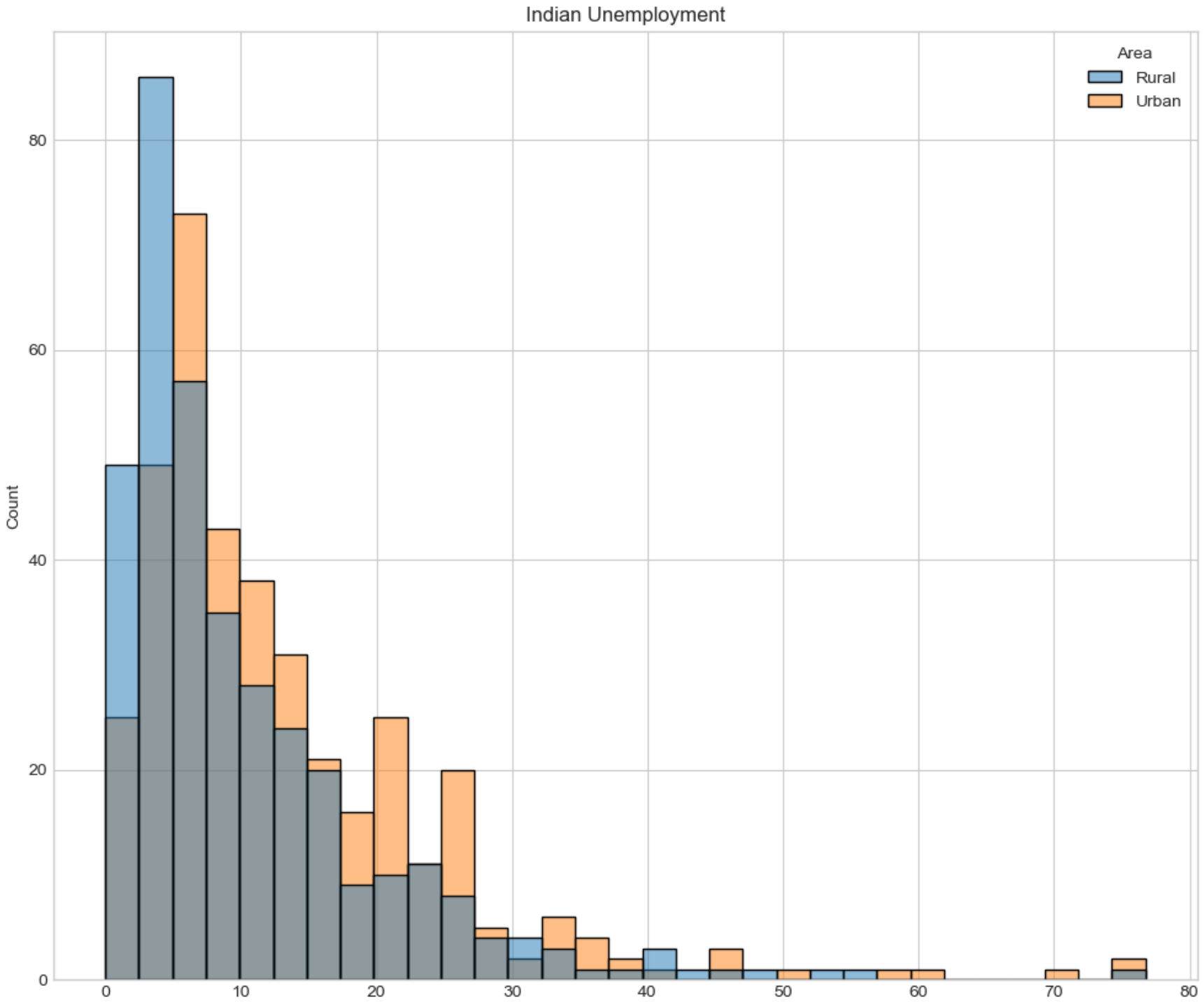
In [11]:

```
data.columns= ["States","Date","Frequency",
               "Estimated Unemployment Rate",
               "Estimated Employed",
               "Estimated Labour Participation Rate",
               "Area"]
```

In [7]:
```
data.columns= ["States","Date","Frequency",
               "Estimated Unemployment Rate","Estimated Employed",
               "Estimated Labour Participation Rate","Area"]
plt.title("Indian Unemployment")
sns.histplot(x="Estimated Employed", hue="Area", data=data)
plt.show()
```



In [8]:
```
plt.figure(figsize=(12, 10))
plt.title("Indian Unemployment")
sns.histplot(x="Estimated Unemployment Rate", hue="Area", data=data)
plt.show()
```


Indian Unemployment
Area
Rural
Urban
Count
0
20
40
60
80
0
10
20
30
40
50
60
70
80

Estimated Unemployment Rate

In [ ]:

In [ ]:

In [ ]: