

2014 Global GDP



```
import pandas as pd
import numpy as np
import matplotlib.pyplot as plt
import seaborn as sns
import cv2
import plotly.graph_objs as go
%matplotlib inline
```

[4] ✓ 4.2s

```
from chart_studio import plotly as py
```

[5] ✓ 0.4s

```
from plotly.offline import download_plotlyjs,init_notebook_mode,plot,iplot
```

[6] ✓ 0.8s

```
init_notebook_mode(connected=True)
```

[7] ✓ 0.3s

...

▶ ✓ df = pd.read\_csv("../data/2014\_world\_gdp\_with\_codes.csv")

[8] ✓ 0.1s

df.head()

[9] ✓ 0.1s

...

|   | COUNTRY        | GDP (BILLIONS) | CODE |
|---|----------------|----------------|------|
| 0 | Afghanistan    | 21.71          | AFG  |
| 1 | Albania        | 13.40          | ALB  |
| 2 | Algeria        | 227.80         | DZA  |
| 3 | American Samoa | 0.75           | ASM  |
| 4 | Andorra        | 4.80           | AND  |

[ ]

```
data = dict(type = 'choropleth',  
            locations = df['CODE'],  
            # locationmode = 'USA-states',  
            colorscale= 'portland',  
            z = df['GDP (BILLIONS)'],  
            text = df['COUNTRY'],  
            colorbar = {'title':'GDP in Bllions USD'}  
            )
```

[10] ✓ 0.8s

```
layout = dict(title = ' 2014 Global GDP',  
              geo = dict(showframe = False,  
                          projection = {'type':'stereographic'}))
```

[11] ✓ 0.6s

```
choromap = go.Figure(data=[data], layout=layout)
```

[12] ✓ 0.2s

```
iplob(choromap)
```