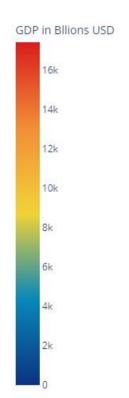
2014 Global GDP





```
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

√ 0.8s

 [6]
         init_notebook_mode(connected=True)

√ 0.3s

 [7]
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```

```
D v
        df = pd.read_csv(".\\data\\2014_world_gdp_with_codes.csv")
      ✓ 0.1s
[8]
        df.head()
      ✓ 0.1s
[9]
              COUNTRY
                         GDP (BILLIONS)
                                          CODE
             Afghanistan
      0
                                   21.71
                                            AFG
                 Albania
                                            ALB
                                   13.40
      2
                 Algeria
                                  227.80
                                           DZA
         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
        iplot(choromap)
```