

Rodriguez_Felipe_DSC640_Week_9-10_Code

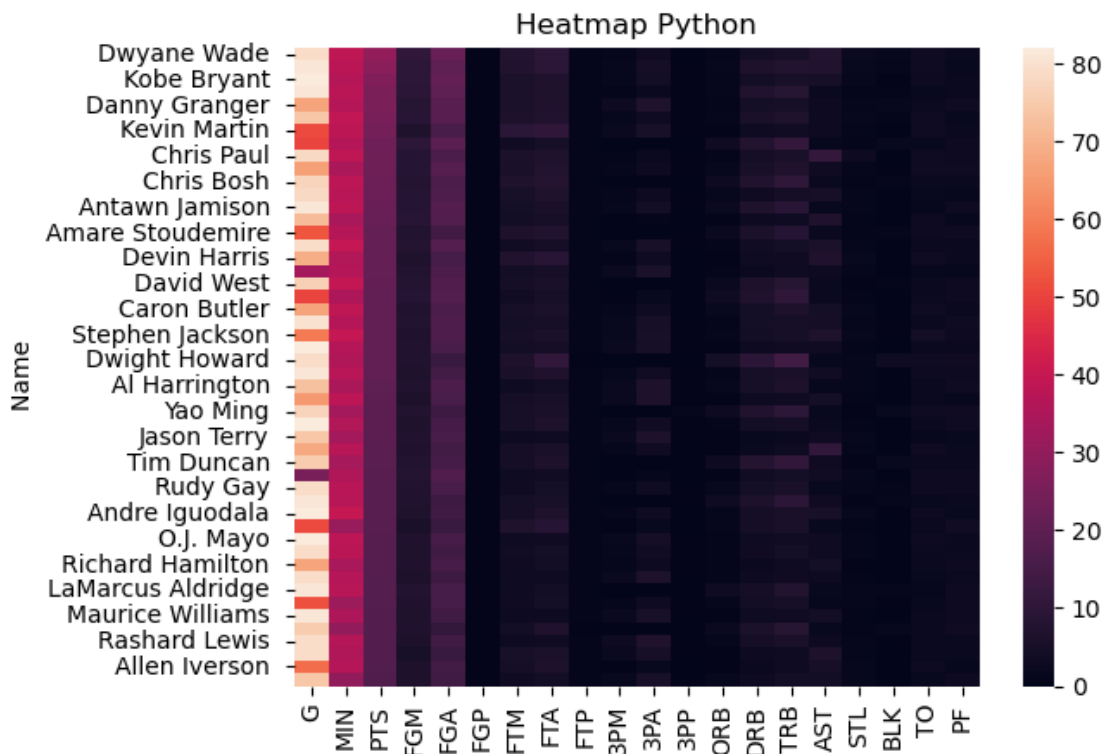
February 18, 2024

```
[1]: import pandas as pd
import seaborn as sns
import matplotlib.pyplot as plt
```

```
[2]: df = pd.read_csv('ppg2008.csv')
df = df.set_index('Name')
```

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[3]: sns.heatmap(df)
plt.title('Heatmap Python')
```

```
[3]: Text(0.5, 1.0, 'Heatmap Python')
```



```
[4]: data = pd.read_csv('costcos-geocoded.csv')
```

```
[9]: # import the library
import folium

# Make an empty map
m = folium.Map(location=[20,0], tiles="OpenStreetMap", zoom_start=2)

# add marker one by one on the map
for i in range(0,len(data)):
    folium.Marker(
        location=[data.iloc[i]['Latitude'], data.iloc[i]['Longitude']],
        popup=data.iloc[i]['City'],
    ).add_to(m)

# Show the map again
m
```

```
[9]: <folium.folium.Map at 0x7f9c583b2a00>
```

```
[6]: df = df.reset_index()
```

```
[7]: # stem function
plt.stem(df['Name'], df['G'])
plt.xticks(rotation=90)
plt.title('Lollipop Plot Python')
plt.show()
```

