


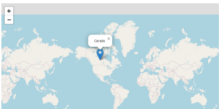

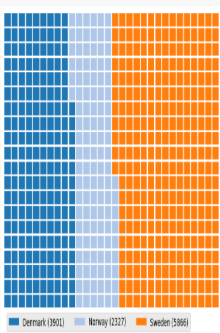


Screenshot from 2023-11-05 06-54-17.png

Cheat Sheet : Maps, Waffles, WordCloud and Seaborn

Function	Description	Syntax	Example	Visual
Folium				
Map	Create a map object with specified center coordinates and zoom level.	<pre>folium.Map(location=[lat, lon], zoom_start=n)</pre>	<pre>world_map = folium.Map() canada =folium.Map(location=[56.130, -106.35], zoom_start=4)</pre>	
Marker	Add a marker to the map with custom icon, popup, and tiles Tiles as Stamen Toner	<pre>folium.Marker(location=[lat, lon], popup='Marker Popup', tiles='Stamen Toner').add_to(map)</pre>	<pre>folium.Marker(location=[556.130, -106.35], tooltip='Marker', tiles='Stamen Toner').add_to(world_map)</pre>	
	Tiles as Stamen Terrain	<pre>folium.Marker(location=[lat, lon], popup='Marker Popup', tiles='Stamen Terrain').add_to(map)</pre>	<pre>folium.Marker(location=[556.130, -106.35], tooltip='Marker', tiles='Stamen Terrain').add_to(world_map)</pre>	
Choropleth				
Circle	Add a circle to the map with specified radius, color, and fill opacity.	<pre>folium.features.CircleMarker(location=[lat, lon], radius=n, color='red', fill_opacity=n).add_to(map)</pre>	<pre>folium.features.CircleMarker(location= [56.130, -106.35], radius=1000, color='red', fill_opacity=0.5).add_to(world_map)</pre>	
Choropleth	Create a choropleth map based on a GeoJSON file and a specified data column.	<pre>folium.Choropleth(geo_data='path/to/geojson_file', data=df, columns=['region', 'value_column'], key_on='feature.properties.id', fill_color='YlGnBu', fill_opacity=0.7, line_opacity=0.2, legend_name='Legend').add_to(map)</pre>	<pre>world_map.choropleth(geo_data=world_geo, data=df_can, columns=['Country', 'Total'], key_on='feature.properties.name', fill_color='YlOrRd', fill_opacity=0.7,line_opacity=0.2, legend_name='Immigration to Canada')</pre>	
PyWaffle				
Waffle	Create a waffle chart based on values and categories.	<pre>plt.figure(FigureClass = Waffle,rows = 20, columns = 30, values = values) waffle_chart = waffle.Waffle(values=[value1, value2, ...], rows=n, columns=n)</pre>	<pre>plt.figure(FigureClass = Waffle,rows = 20, columns = 30, values = df_dsn['Total'], cmap_name = 'tab20', legend = {'labels': label,'loc': 'lower left', 'bbox_to_anchor':(0,-0.1),'ncol': 3})</pre>	
Legend	Add a legend to the waffle chart.	<pre>waffle_chart.legend(loc='upper left', bbox_to_anchor=(1, 1))</pre>		
Title	Add a title to the waffle chart.	<pre>waffle_chart.set_title('Waffle Chart Title')</pre>		
Labels	Add labels to the waffle chart.	<pre>waffle_chart.set_labels(['Label 1', 'Label 2', ...])</pre>		

