

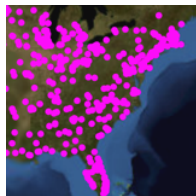
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utm_campaign=studio_cloud_launch&utm_content=sidebar)

Python ([/python](https://plotly.com/)) > Maps ([/python/maps](https://plotly.com/))

Plotly Python Open Source Graphing Library Maps

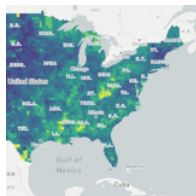
Plotly's Python graphing library makes interactive, publication-quality maps online.

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([python/mapbox-to-maplibre/](https://plotly.com/python/mapbox-to-maplibre/))

MapLibre Migration



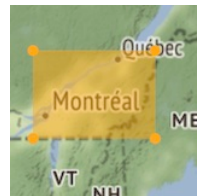
([python/tile-county-choropleth/](https://plotly.com/python/tile-county-choropleth/))

Tile Choropleth Maps



([python/lines-on-tile-maps/](https://plotly.com/python/lines-on-tile-maps/))

Lines on Tile Maps



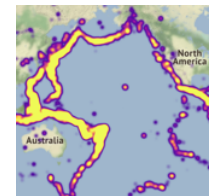
([python/filled-area-tile-maps/](https://plotly.com/python/filled-area-tile-maps/))

Filled Area on Tile Maps



([python/bubble-maps/](https://plotly.com/python/bubble-maps/))

Bubble Maps



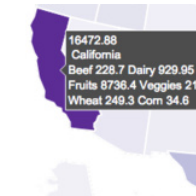
([python/density-heatmaps/](https://plotly.com/python/density-heatmaps/))

Density Heatmap



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Lines on Maps



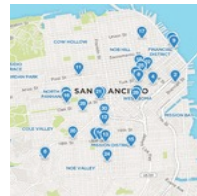
([python/choropleth-maps/](https://plotly.com/python/choropleth-maps/))

Choropleth Maps



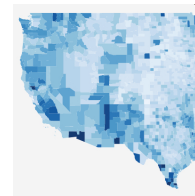
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Tile Map Layers



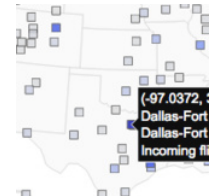
([python/tile-scatter-maps/](https://plotly.com/python/tile-scatter-maps/))

Scatter Plots on Tile Maps



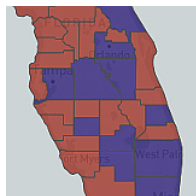
([python/county-choropleth/](https://plotly.com/python/county-choropleth/))

USA County Choropleth Maps



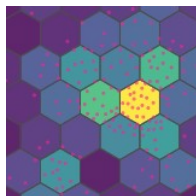
([python/scatter-plots-on-maps/](https://plotly.com/python/scatter-plots-on-maps/))

Scatter Plots on Maps



([python/map-configuration/](https://plotly.com/python/map-configuration/))

Map Configuration and Styling on Geo Maps



([python/hexbin-mapbox/](https://plotly.com/python/hexbin-mapbox/))

Hexbin Mapbox

Maps in Dash

[Dash](https://plotly.com/dash/) (<https://plotly.com/dash/>) is the best way to build analytical apps in Python using Plotly figures. To run the app below, run `pip install dash`, click "Download" to get the code and run `python app.py`.

Get started with [the official Dash docs](https://dash.plotly.com/installation) (<https://dash.plotly.com/installation>) and learn how to effortlessly [style](https://plotly.com/dash/design-kit/) (<https://plotly.com/dash/design-kit/>) & [deploy](https://plotly.com/dash/app-manager/) (<https://plotly.com/dash/app-manager/>) apps like this with [Dash Enterprise](https://plotly.com/dash/) (<https://plotly.com/dash/>).

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```
id='candidate',
options=["Joly", "Coderre", "Bergeron"],
value="Coderre",
inline=True
),
dcc.Graph(id="graph"),
])

@app.callback(
    Output("graph", "figure"),
    Input("candidate", "value"))
def display_choropleth(candidate):
    df = px.data.election() # replace with your own data source
    geojson = px.data.election_geojson()
    fig = px.choropleth(
        df, geojson=geojson, color=candidate,
        locations="district", featureidkey="properties.district",
        projection="mercator", range_color=[0, 6500])
    fig.update_geos(fitbounds="locations", visible=False)
    fig.update_layout(margin={"r":0,"t":0,"l":0,"b":0})
    return fig

app.run(debug=True)
```

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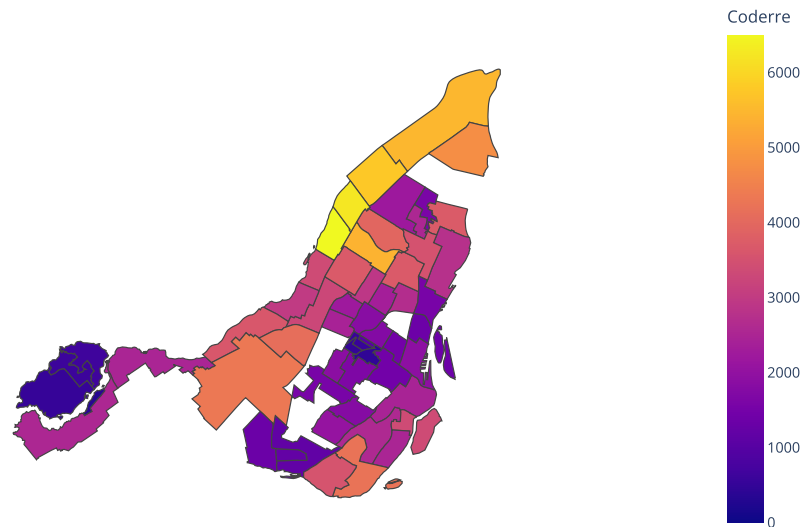
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Political candidate voting pool analysis

Select a candidate:

☐ Joly ☒ Coderre ☐ Bergeron





Dash your way to interactive web apps.

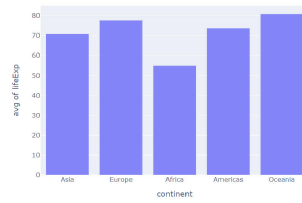
No JavaScript required!

GET STARTED NOW

My First App with Data, Graph, and Controls

☐ pop ☒ lifeExp ☐ gdpPerCap

country	pop	continent	lifeExp	gdpPerCap
Afghanistan	31889923	Asia	43.828	974.5883384
Albania	3606523	Europe	76.423	5937.629525999999
Algeria	33333236	Africa	72.301	6223.367665
Angola	12426476	Africa	42.731	4797.231267
Argentina	40801927	Americas	75.32	12779.37964
Australia	20434176	Oceania	81.235	34435.367439999995
Austria	8199783	Europe	79.829	36126.4927
Bahrain	708573	Asia	75.635	29796.04834
Bangladesh	150448339	Asia	64.062	1391.253792
Belgium	10392226	Europe	79.641	33692.68508
Benin	8078314	Africa	56.728	1441.284873
Bolivia	9139152	Americas	65.554	3822.137884



(https://dash.plotly.com/tutorial?utm_medium=graphing_libraries&utm_content=python_footer)

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