plotly_maps

August 23, 2019

```
[1]: import plotly.express as px
     import pandas as pd
     import os
     from pathlib import Path
```

1 Prep Token

```
[2]: # Extract token
     mapbox_token = os.getenv("MAPBOX_API_KEY")

     # Set token using Plotly Express set function
     px.set_mapbox_access_token(mapbox_token)
```

2 Prep Data

```
[3]: # Read in data
     df = pd.read_csv(Path("../Resources/population_counts.csv")).drop_duplicates()
     data_to_plot = df[["Year", "PopulationCount", "Latitude", "Longitude"]]
     filtered_data = df[df["StateDesc"] == "California"]
```

3 Plot data

```
[4]: # Plot Data
     px.scatter_mapbox(
         filtered_data,
         lat="Latitude",
         lon="Longitude",
         size="PopulationCount",
         color="CityName",
     )
```

- CityName=Alameda
- CityName=Alhambra
- CityName=Anaheim
- CityName=Antioch
- CityName=Apple Valley
- CityName=Bakersfield
- CityName=Baldwin Park
- CityName=Bellflower
- CityName=Berkeley
- CityName=Buena Park
- CityName=Burbank
- CityName=Carlsbad
- CityName=Carson
- CityName=Chico
- CityName=Chino
- CityName=Chino Hills