

heatmapgen

June 3, 2023

```
[1]: import folium
import pandas as pd
from folium.plugins import HeatMap

[2]: data = pd.read_csv('firedataseasons.csv')

[3]: grouped_data = data.groupby('year')

[4]: for year, group in grouped_data:
    # Create a new map for each year
    m = folium.Map(location=[28.3949, 84.1240], zoom_start=7)

    # Add heat layer to the map
    heat_data = group[['latitude', 'longitude']].values
    HeatMap(heat_data, radius=10).add_to(m)

    # Display the map
    print(year)
    display(m)
```

2000

<folium.folium.Map at 0x2a995fdad10>

2001

<folium.folium.Map at 0x2a995b0ec90>

2002

<folium.folium.Map at 0x2a995f99d10>

2003

<folium.folium.Map at 0x2a997a24f90>

2004

<folium.folium.Map at 0x2a995b3d2d0>

2005

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2006
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2007
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2008
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2009
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2020
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2021
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2022

<folium.folium.Map at 0x2a996010450>

[]: