

# FOLIUM

```
import folium # Import Folium libraries  
folium.Map(location=[41.0082, 28.9784])
```



**Animate Maps with Folium: A Powerful Way to Visualize Your Data**

Prepared by Fatma Nur Azman

# What is Folium?

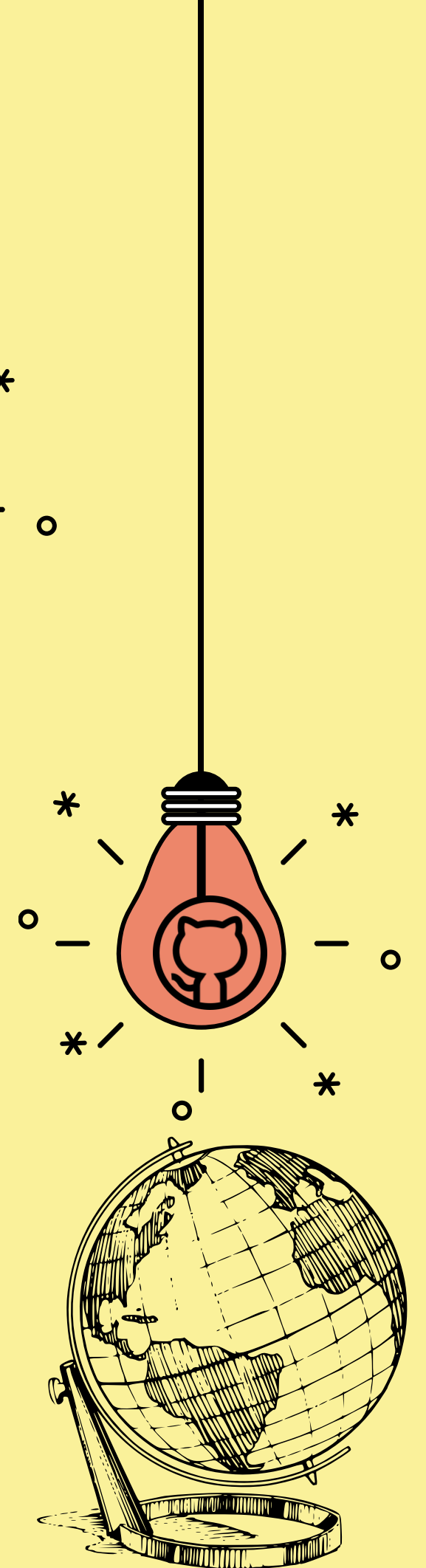
Folium is a library that allows you to create map visualizations with Python. You can create interactive maps using various map providers such as OpenStreetMap, Mapbox or Stamen.

# Why Folium?

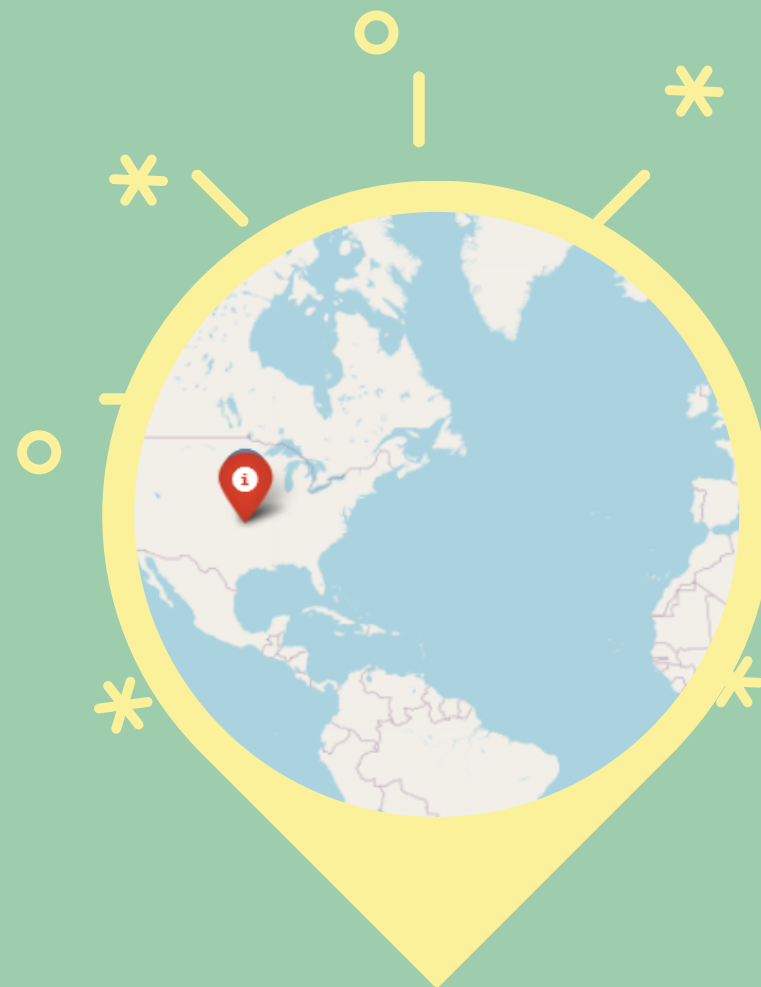
Easy to Use: It has a structure that anyone with Python knowledge can easily use.

Rich Features: You can customize your maps by adding pop-ups, markers, heatmaps and more.

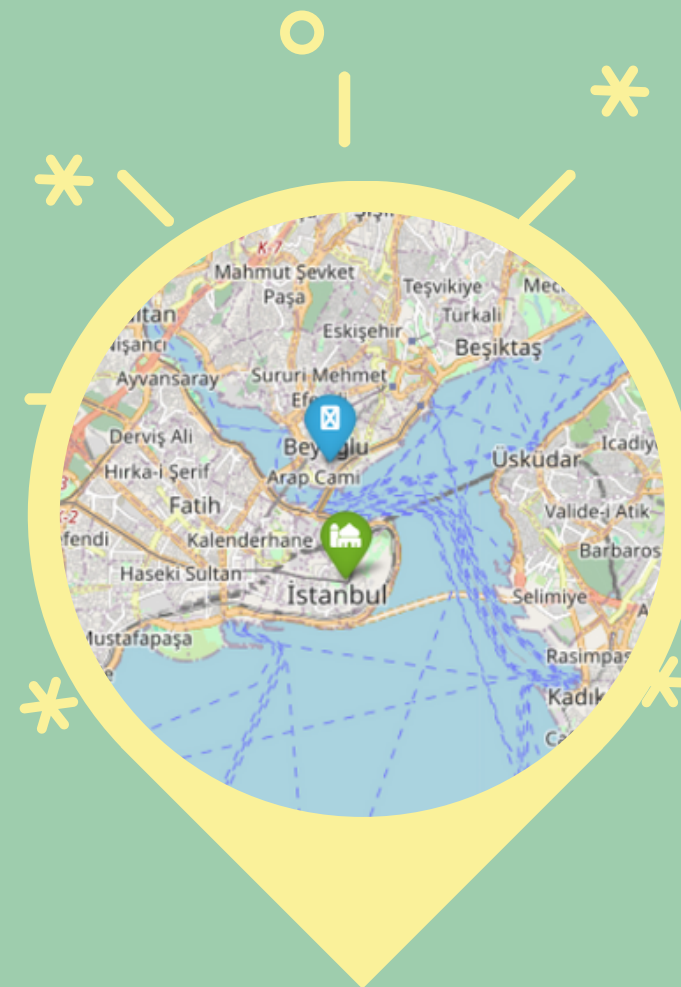
Interactivity: Create interactive web-based maps to present your data in a more impressive way.



# Some Advanced Folium Features



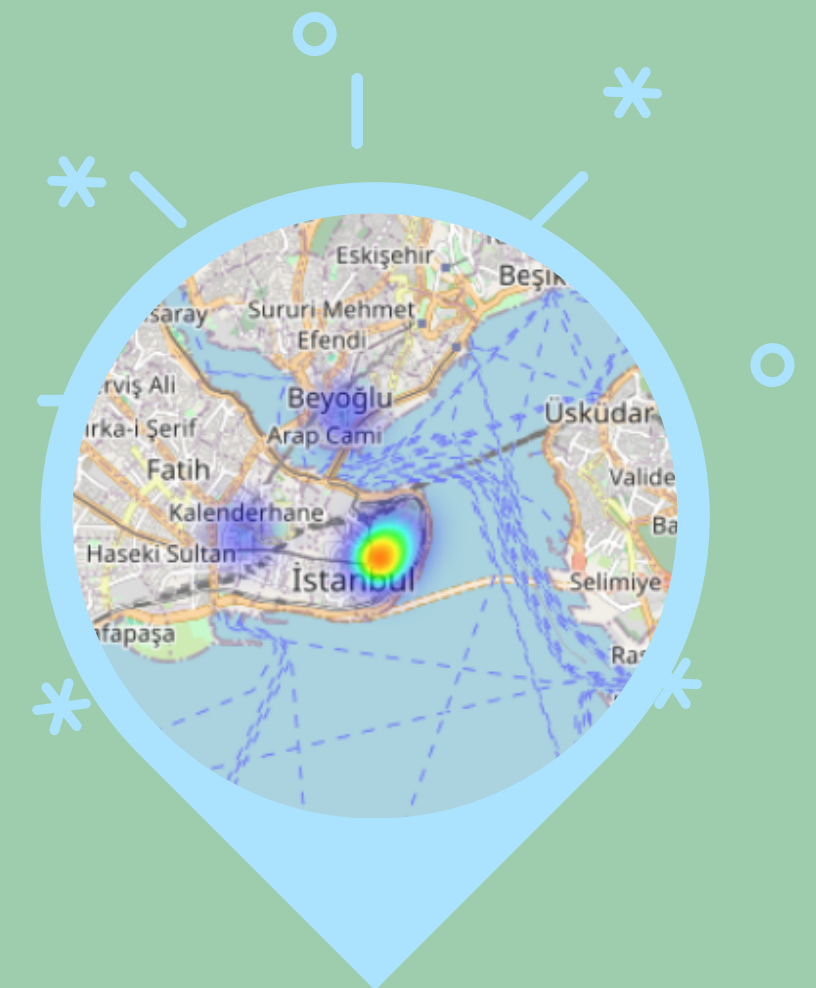
Adding Markers



Adding icons



Adding Minimap



Creating a Heatmap



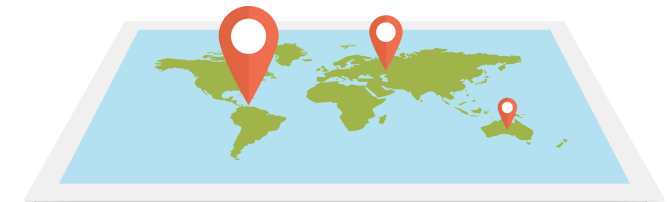
# What we can do with Folium ?

Adding Pop ups



Creating a Heatmap

Measuring Distance  
Between Locations



Location Search  
Feature



produce interactive maps



# Mapping with Folium

## Easy to Use

Folium is a library that anyone with Python knowledge can easily use.

## Rich Features

You can customize your maps by adding pop-ups, markers, heat maps and more.

## Interactive Maps

Creates interactive web-based maps. You can present your data in a more impressive way.

## Wide Map Provider Support

Works with OpenStreetMap, Mapbox, Stamen and more.



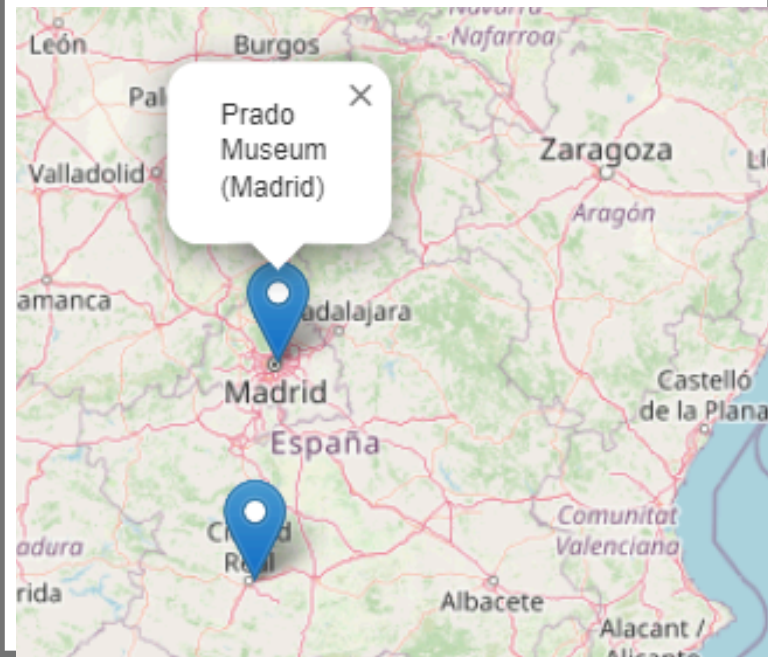




# What can we do with Folium?

We can answer our questions on the map.

*What are the 5 most visited tourist destinations in Spain?*



*Map of Amazon's Top 5 Selling Countries*



*The 5 Most Populous Countries by Population Density*



Prepared by Fatma Nur Azman

in

# FOLIUM

Animate Maps with Folium: A Powerful Way to Visualize Your Data

2 **Why Folium**

3 **Install & Import & Save**

4 **Finding Location**

▼ 5 **Creating a Map**

5.1 Adding Pop ups

5.2 Adding icons

5.3 Adding Tooltip

5.4 Creating Location Markers

5.5 Minimap

5.6 Displaying Line Between 2 Distances

5.7 Measuring Distance Between Locations

5.8 Grouping Distant Markers

5.9 Creating a Heatmap

5.10 Location Search Feature

5.11 Full-Screen View of the Map

5.12 Adding Drawing Tools

6 **In which areas are our customers concentrated in New York?**

7 **What are the 5 most visited tourist destinations in Spain?**

8 **Map of Amazon's Top 5 Selling Countries**

9 **The 5 Most Populous Countries by Population Density**

10

**Thank you in the hope that it will be useful**

☀️ **Discover My Latest Work on Folium!** ☀️

I'm working on an exciting project using the Python library Folium to create interactive maps. In my latest Jupyter Notebook, I cover a range of topics to help you get started and get the most out of Folium.

🔍 **Topics Covered** are given in headings on the right hand side.

📌 **Check out the table of contents on the left side for detailed topics.**

**If you want to see more and dive deeper into Folium, feel free to explore my [Folium Notebook]**



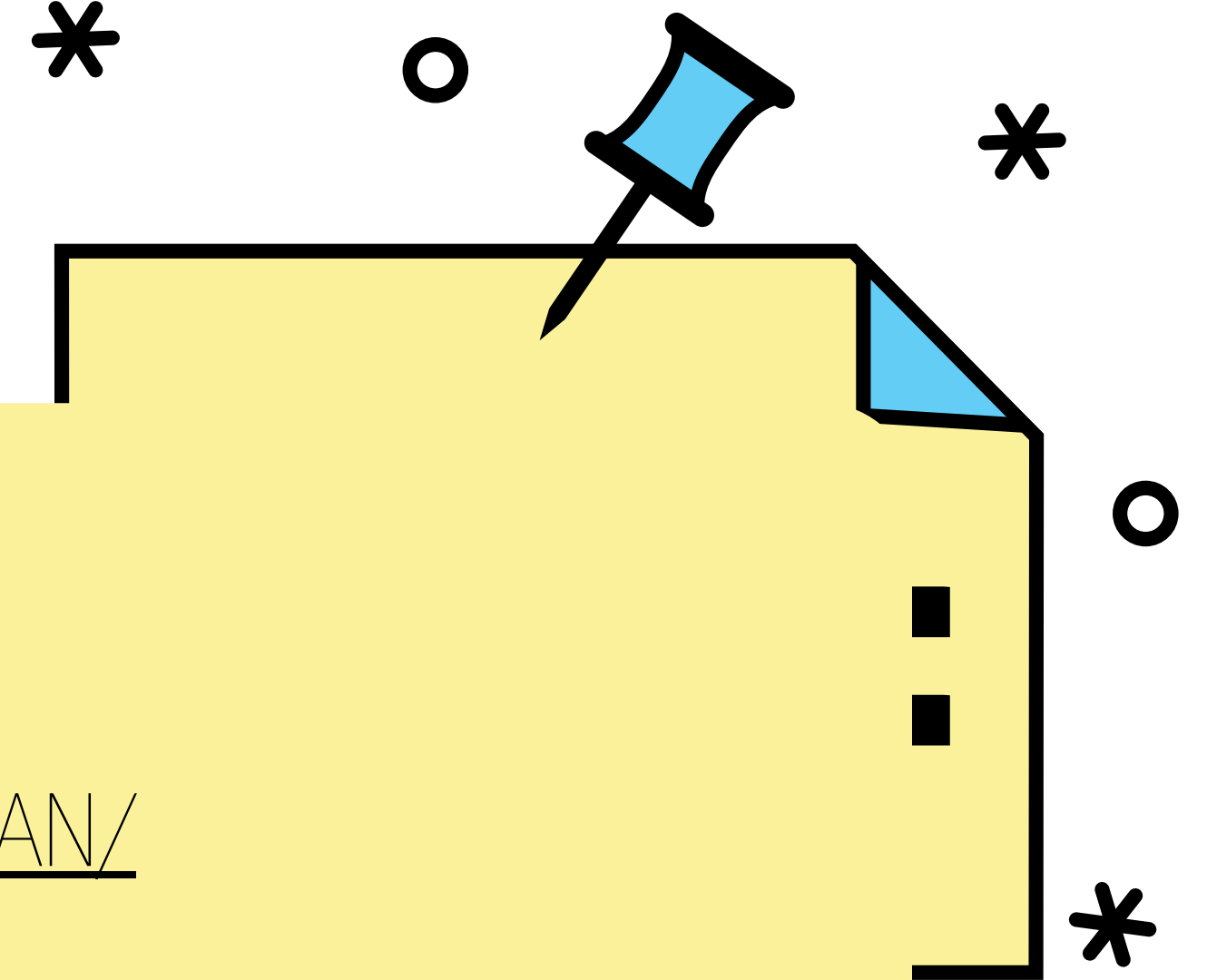
Please click on the github icon below

# Contact

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***THANK YOU***



Thank you for your support and I hope you find it useful! 🚀