



آموزش کتابخانه

Streamlit

محمد دهقانی





معرفی

۱. مدیر دیتاهاب

۲. لیسانس نرم افزار از دانشگاه اصفهان و ارشد IT تربیت مدرس

۳. کارشناس سابق پردازش متن شرکت لایف وب

۴. سابقه همکاری با شرکت های داده پردازی آرون و توانمند

۵. سابقه تدریس در مرکز علوم شناختی (IPM) و دانشگاه های شریف، اصفهان، امیرکبیر،

شهرکرد، علوم پزشکی تهران و کنفرانس وب پژوهی

۶. دارای بیش از ۳ مقاله ژورنالی

۷. مترجم کتاب یادگیری ماشین

۸. نویسنده کتاب تحلیل عواطف با استفاده از تکنیک های یادگیری ماشین

این دوره مناسب چه افرادی هست؟

۱. دانشمندان داده

۲. مهندسين داده

۳. برنامه نویسان



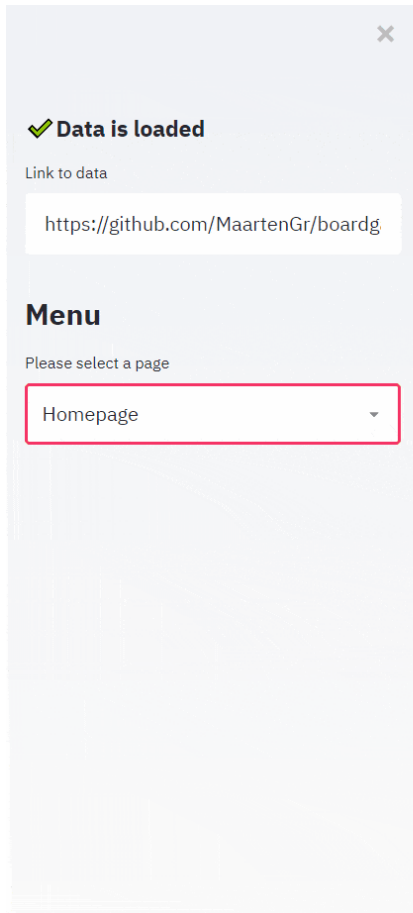
پیش نیازهای یادگیری این دوره

۱. آشنایی با پایتون

۲. آشنایی با برنامه نویسی شی گرا

۳. آشنایی با کتابخانه Pandas





Board Game Exploration

A Dashboard for the Board Game Geeks among us

As many Board Game Geeks like myself track the scores of board game matches I decided to create an application allowing for the exploration of this data. Moreover, it felt like a nice opportunity to see how much information can be extracted from relatively simple data.

As a Data Scientist and self-proclaimed Board Game Nerd I obviously made sure to write down the results of every board game I played. The data in the application is currently my own, but will be extended to include those of others.

MADE WITH PYTHON SERVED WITH HEROKU DASHBOARDING WITH STREAMLIT



The Application

This application is a Streamlit dashboard hosted on Heroku that can be used to explore the results from board game matches that I tracked over the last year.

There are currently four pages available in the application:

👤 General Statistics 👤

Streamlit

Showcasing the findings of your data science/machine learning experiment can be difficult. While in the past, a PowerPoint presentation or a LaTeX file used to be enough for showcasing your project, with today's popularity of websites it is a good idea to know how to create a website for your project.

Streamlit

Streamlit is an open-source Python framework that allows you to create beautiful interactive websites for Machine Learning and Data Science projects without needing to have any web development skills.

Advantages of using Streamlit

- No HTML knowledge is needed!
- Less code is needed to create a beautiful application
- Data caching simplifies and speeds up computation pipelines.

Display Text



My first app

Streamlit is great

Display data-frame

My first app

Streamlit is great

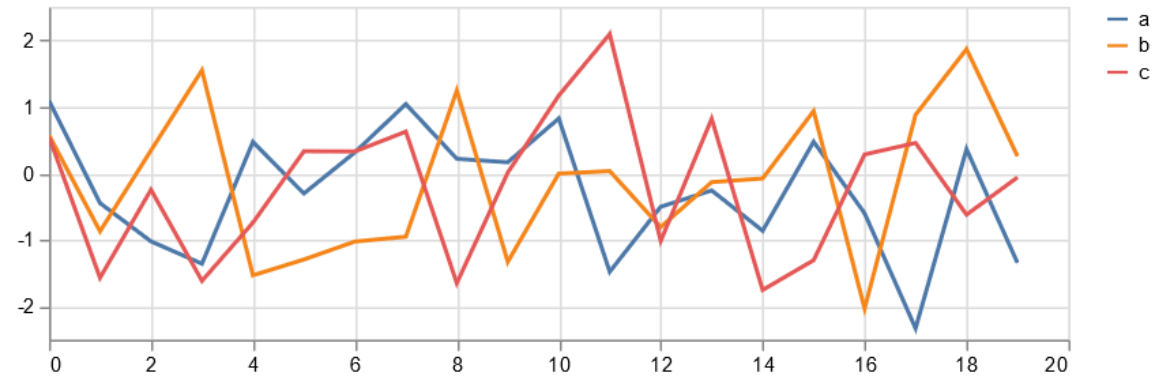
	first column	second column
0	1	10
1	2	20
2	3	30
3	4	40

Plot a line chart

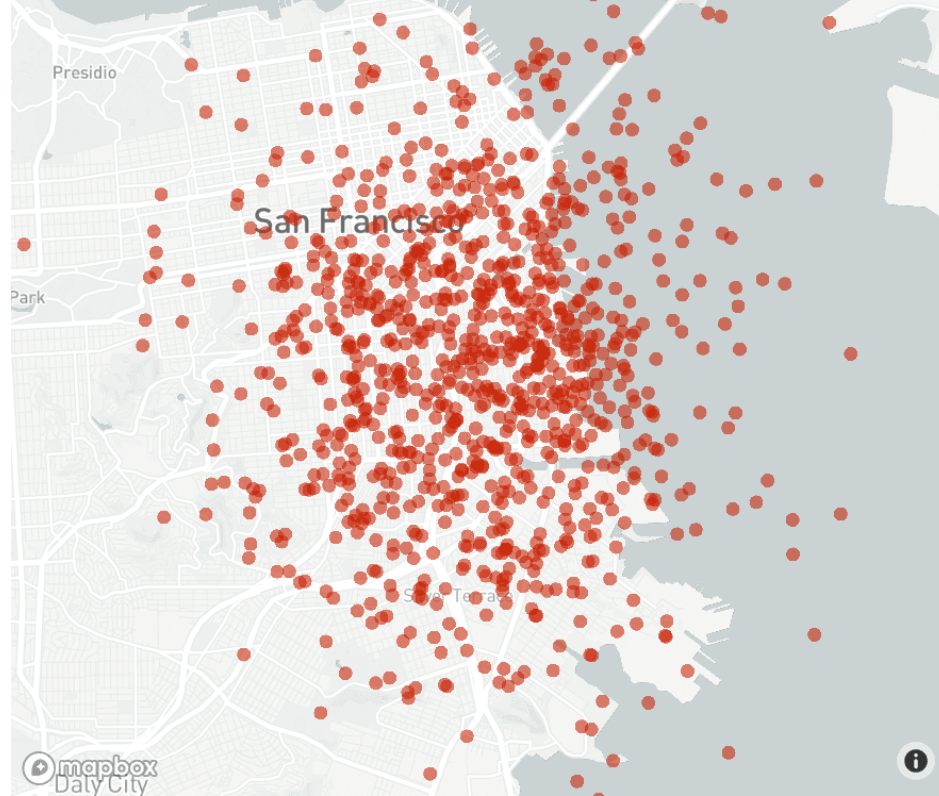
My first app

Streamlit is great

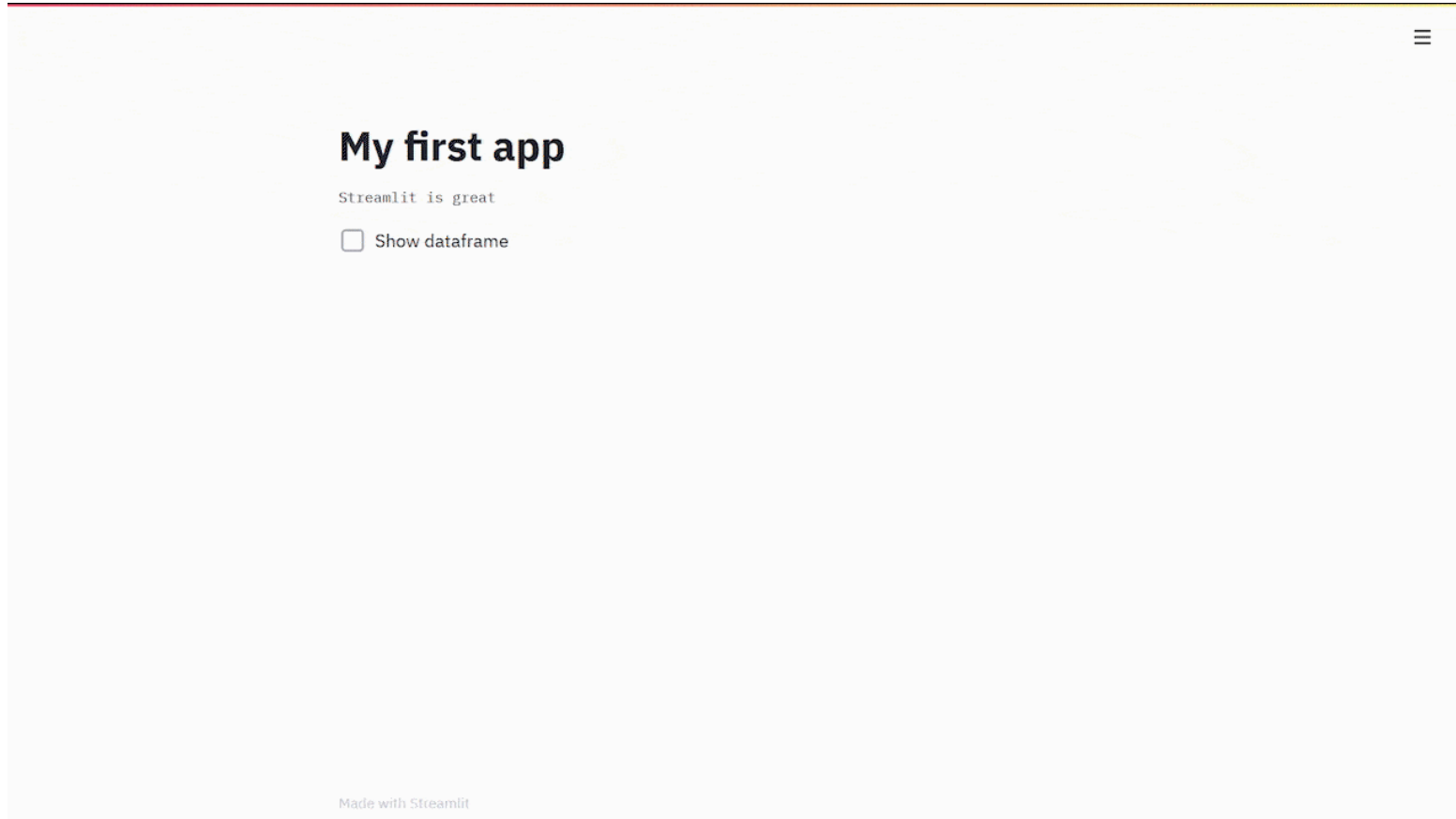
	first column	second column
0	1	10
1	2	20
2	3	30
3	4	40



Plot a map



Checkbox



Selectbox



Slider

Select a value

0



0

100

0 squared is 0

#DONTFORGETUS



www.data-hub.ir

www.youtube.com/channel/datahub1

www.linkedin.com/company/data-hub-ir

[www.t.me/data hub ir](http://www.t.me/data_hub_ir)

www.github.com/datahub-ir