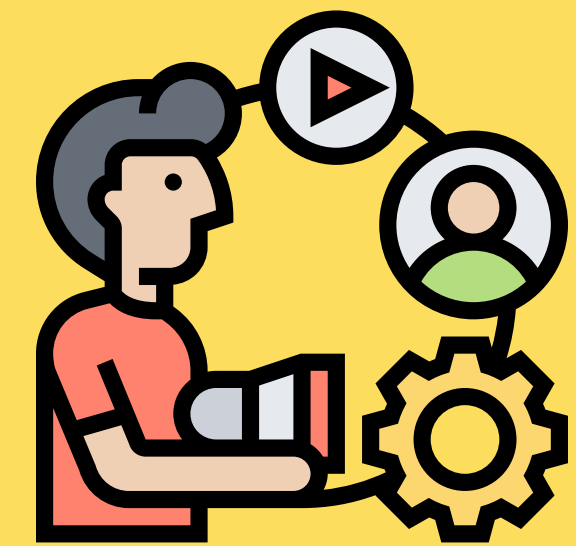


DEPLOYMENT IN **STREAMLIT** With Git and GitHub

TUTORIAL UNTUK MEMBUAT WEB DATA SCIENCE DENGAN MUDAH



Oleh :

Saiful Islam

Prodi Pend. Matematika


Universitas Nurul Jadid



STEP 1

MEMBUAT REPOSITORY BARU


Owner * Repository name *


 Saifulislam365 / streamlit-webscraping ✓

Great repository names are short and memorable. Need inspiration? How about [scaling-happiness?](#)

Description (optional)

Ini adalah cara mengambil data di suatu web yang saya contohkan pada wikipedia. sehingga kita bisa menmp

☒  **Public**
Anyone on the internet can see this repository. You choose who can commit.

☐  **Private**
You choose who can see and commit to this repository.

Initialize this repository with:
Skip this step if you're importing an existing repository.

☐ **Add a README file**
This is where you can write a long description for your project. [Learn more.](#)

☐ **Add .gitignore**
Choose which files not to track from a list of templates. [Learn more.](#)

☐ **Choose a license**
A license tells others what they can and cannot do with your code. [Learn more.](#)

[Create repository](#)

NEW

**New Repo
Name =
"streamlit-
webscraping"**

STEP 2

MEMBUAT REQUIREMENTS.TXT

```
Activities Terminal Nov 22 22:14 saifulislam@saifulislam: ~
(streamlit) saifulislam@saifulislam:~/streamlit/part10$ gedit .
(streamlit) saifulislam@saifulislam:~/streamlit/part10$ pip freeze > requirements.txt
(streamlit) saifulislam@saifulislam:~/streamlit/part10$ pip freeze > requirements.txt
(streamlit) saifulislam@saifulislam:~/streamlit/part10$
```

Ketik

"pip freeze > requirements.txt"

"cat requirements.txt"



requirements.txt
adalah semua
modul yang
pernah kita
install

BAHAN PERTAMA



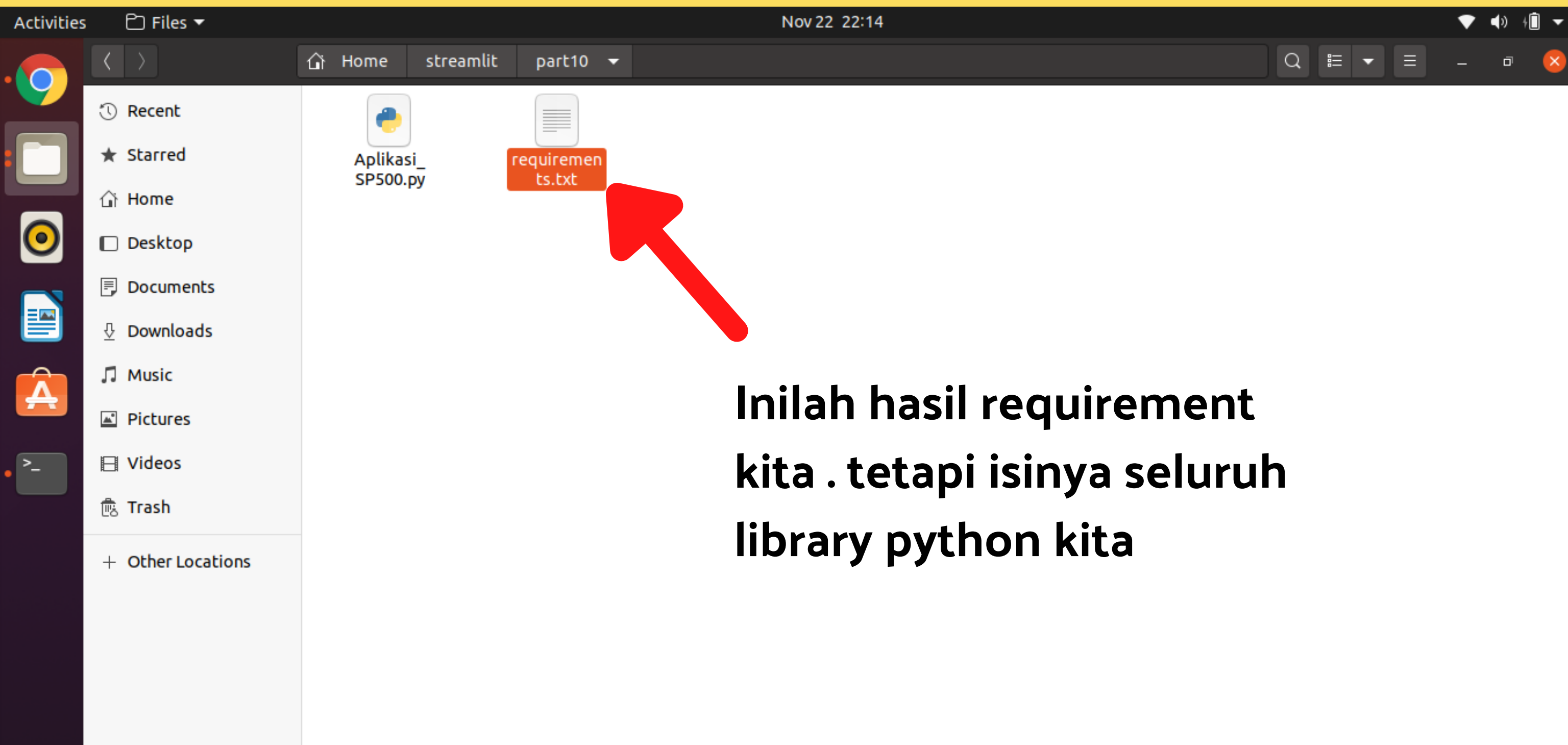
```
Activities Terminal Nov 22 22:26
saifulislam@saifulislam: ~/streamlit/part10
(base) saifulislam@saifulislam:~/streamlit/part10$ ls
Aplikasi_SP500.py  requirements.txt
(base) saifulislam@saifulislam:~/streamlit/part10$
```

requirements.txt
buatan kita dan
File
Aplikasi_SP500.py

STEP 3

EDIT

REQUIREMENTS.TXT



Inilah hasil requirement
kita . tetapi isinya seluruh
library python kita

STEP 4

EDIT DENGAN V.S.CODE



Visual Studio Code

Ketik di terminal

"code ."

**maka akan otomatis
terbuka di folder kita**

edit

"Aplikasi_SP500.py"

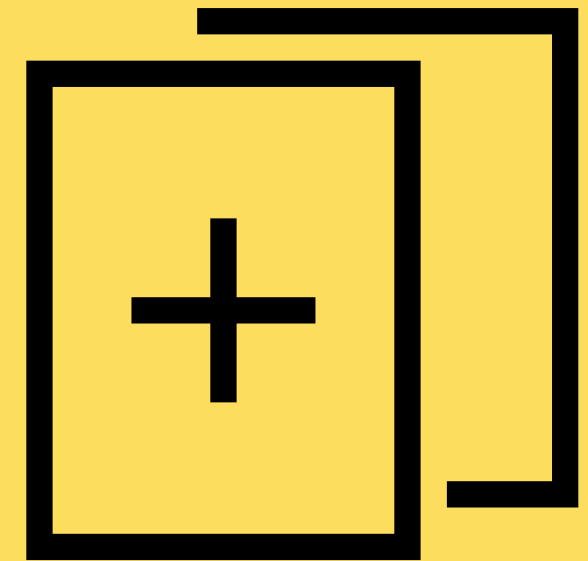
sesuai keinginan

```
1 import streamlit as st
2 import pandas as pd
3 import base64
4 import matplotlib.pyplot as plt
5 import seaborn as sns
6 import numpy as np
7 import yfinance as yf
8
9 st.title('APLIKASI S&P 500 ')
10
11 st.markdown("""
12 S&P 500 adalah sebuah indeks yang terdiri dari saham 500 perusahaan terbesar dari berbagai sektor yang
13 Aplikasi ini mengambil daftar **S&P 500** (dari Wikipedia) dan **Harga Penutupan Saham** yang sesuai
14 * **library Python:** base64, pandas, streamlit, numpy, matplotlib, seaborn
15 * **Sumber Data:** [Wikipedia](http://en.wikipedia.org/wiki/List_of_S%26P_500_companies).
16 * **Sumber Belajar:** [YouTube](https://www.youtube.com/watch?v=ZZ4BQU0t8iE&list=PLqF5YXg7GLmCvTswG3)
17 """)
18
19 st.sidebar.header('Fitur Masukan Pengguna')
20
21 # Web scraping of S&P 500 data
22 #
23 @st.cache
```

**Inilah Modul Yang
perlu ditulis di txt**

STEP 5

DUPLIKAT REQUIREMENT



Activities Text Editor Nov 22 22:17

requirements.txt
~/streamlit/part10

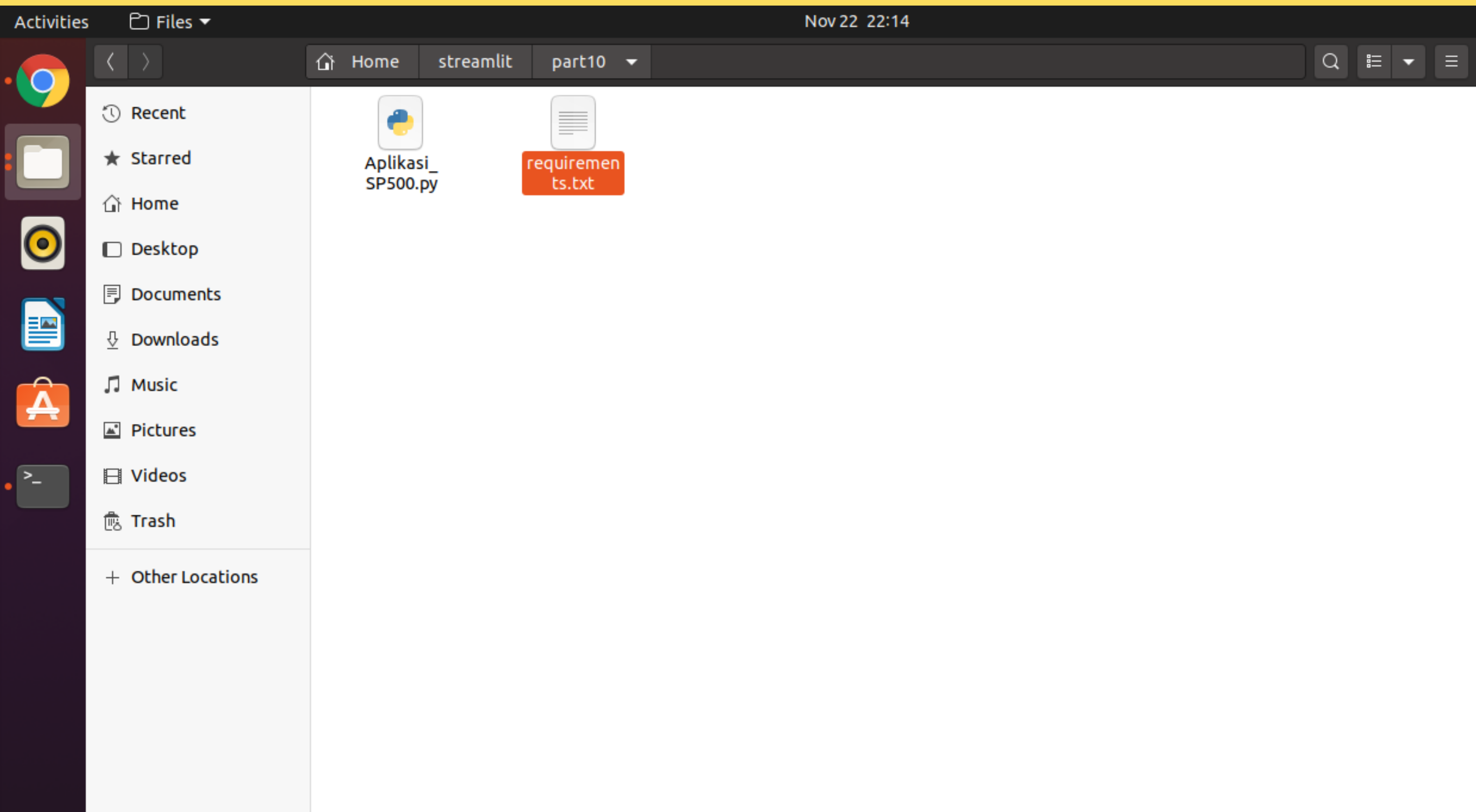
requirements.txt x *requirements (copy).txt

```
116 SecretStorage==2.3.1
117 Send2Trash==1.5.0
118 setuptools-scm==6.3.2
119 shap==0.40.0
120 simplejson==3.16.0
121 six==1.14.0
122 sklearn==0.0
123 slicer==0.0.7
124 smmap==5.0.0
125 streamlit==1.2.0
126 systemd-python==234
127 terminado==0.8.2
128 testpath==0.4.4
129 threadpoolctl==3.0.0
130 toml==0.10.2
131 toml==1.2.2
132 toolz==0.11.2
133 tornado==5.1.1
134 tqdm==4.62.3
135 traitlets==4.3.3
136 typing-extensions==4.0.0
137 tzdata==2021.5
138 tzlocal==4.1
139 ubuntu-advantage-tools==20.3
140 ubuntu-drivers-common==0.0.0
141 ufw==0.36
142 unattended-upgrades==0.1
143 urllib3==1.25.8
144 usb-creator==0.3.7
```

**”requirements.txt”
yang baru
Isi dengan Modul Kita**

Hapus file requirements.txt yang berisi full modul !

SEMUA BAHAN TELAH SIAP



STEP 6

GITHUB



Activities Google Chrome Nov 22 21:51

S&P 500 Companies - Cola x Deploy an app - Streamlit x Tutorial Git #2: Cara Mem x Saifulislam365/streamlit- x

github.com/Saifulislam365/streamlit-webscraping

Quick setup — if you've done this kind of thing before

or **HTTPS** **SSH** `https://github.com/Saifulislam365/streamlit-webscraping.git`

Get started by [creating a new file](#) or [uploading an existing file](#). We recommend every repository include a [README](#), [LICENSE](#), and [.gitignore](#).

...or create a new repository on the command line

```
echo "# streamlit-webscraping" >> README.md
git init
git add README.md
git commit -m "first commit"
git branch -M main
git remote add origin https://github.com/Saifulislam365/streamlit-webscraping.git
git push -u origin main
```

...or push an existing repository from the command line

```
git remote add origin https://github.com/Saifulislam365/streamlit-webscraping.git
git branch -M main
git push -u origin main
```

SP500.csv Show all

Menuju
GitHub
Kita

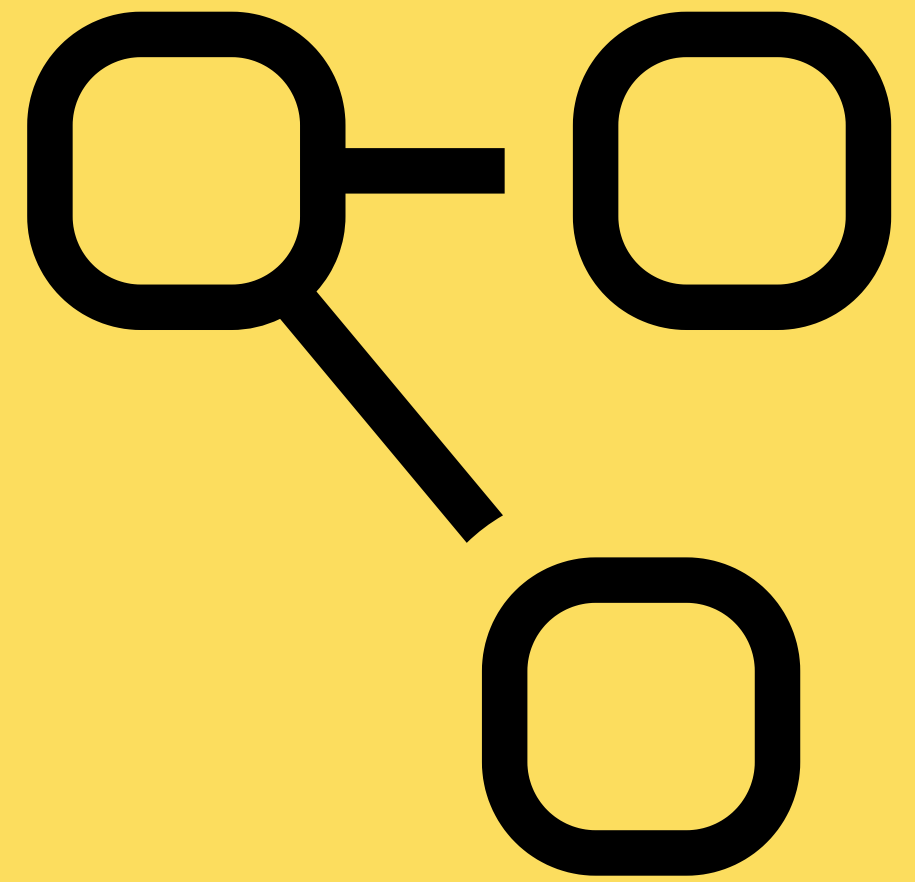
Ikuti
Instruksi

STEP 7

TERMINAL GIT

```
Activities Terminal Nov 22 22:38
saifulislam@saifulislam: ~/streamlit/part10
(base) saifulislam@saifulislam:~/streamlit/part10$ ls
Aplikasi_SP500.py README.md requirements.txt
(base) saifulislam@saifulislam:~/streamlit/part10$ git init
Initialized empty Git repository in /home/saifulislam/streamlit/part10/.git/
(base) saifulislam@saifulislam:~/streamlit/part10$ git add .
(base) saifulislam@saifulislam:~/streamlit/part10$ git commit -m "Ini adalah proses upload file pertama"
[master (root-commit) 86629ca] Ini adalah proses upload file pertama
3 files changed, 93 insertions(+)
create mode 100644 Aplikasi_SP500.py
create mode 100644 README.md
create mode 100644 requirements.txt
(base) saifulislam@saifulislam:~/streamlit/part10$ git branch -M main
(base) saifulislam@saifulislam:~/streamlit/part10$ git remote add origin https://github.com/Saifulislam365/streamlit-part10.git
(base) saifulislam@saifulislam:~/streamlit/part10$ git push -u origin main
Username for 'https://github.com':
```

Ikuti Instruksi Kembali



STEP 8

HUBUNGKAN GIT

```
Activities Terminal Nov 22 22:38 saifulislam@saifulislam: ~/streamlit/part10
(base) saifulislam@saifulislam:~/streamlit/part10$ ls
Aplikasi_SP500.py README.md requirements.txt
(base) saifulislam@saifulislam:~/streamlit/part10$ git init
Initialized empty Git repository in /home/saifulislam/streamlit/part10/.git/
(base) saifulislam@saifulislam:~/streamlit/part10$ git add .
(base) saifulislam@saifulislam:~/streamlit/part10$ git commit -m "Ini adalah proses upload file pertama"
[master (root-commit) 86629ca] Ini adalah proses upload file pertama
3 files changed, 93 insertions(+)
create mode 100644 Aplikasi_SP500.py
create mode 100644 README.md
create mode 100644 requirements.txt
(base) saifulislam@saifulislam:~/streamlit/part10$ git branch -M main
(base) saifulislam@saifulislam:~/streamlit/part10$ git remote add origin https://github.com/Saifulislam365/streamlit-webscraping.git
(base) saifulislam@saifulislam:~/streamlit/part10$ git push -u origin main
Username for 'https://github.com': Saifulislam365
Password for 'https://Saifulislam365@github.com':
```

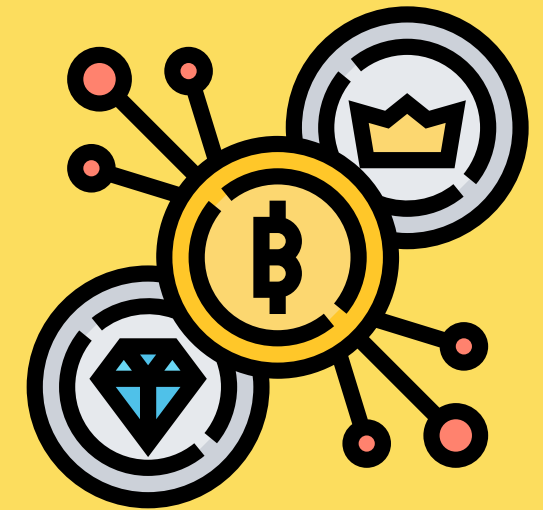
**Masukkan Nama
GitHub**

**dan Pasword
Menggunakan
Token**



STEP 7

TOKEN GITHUB



Search or jump to... Pull requests Issues Marketplace Explore

Saifulislam365 / streamlit-webscraping Public

Unwatch 1

Code Issues Pull requests Actions Projects Wiki Security Insights Settings

Quick setup — if you've done this kind of thing before

or HTTPS SSH `https://github.com/Saifulislam365/streamlit-webscraping.git`

Get started by [creating a new file](#) or [uploading an existing file](#). We recommend every repository include a [README](#), [LICENSE](#), and [.gitignore](#).

...or create a new repository on the command line

```
echo "# streamlit-webscraping" >> README.md
git init
git add README.md
git commit -m "first commit"
git branch -M main
git remote add origin https://github.com/Saifulislam365/streamlit-webscraping.git
git push -u origin main
```

Signed in as Saifulislam365

Set status

Your profile

Your repositories

Your codespaces

Your projects

Your stars

Your gists

Upgrade

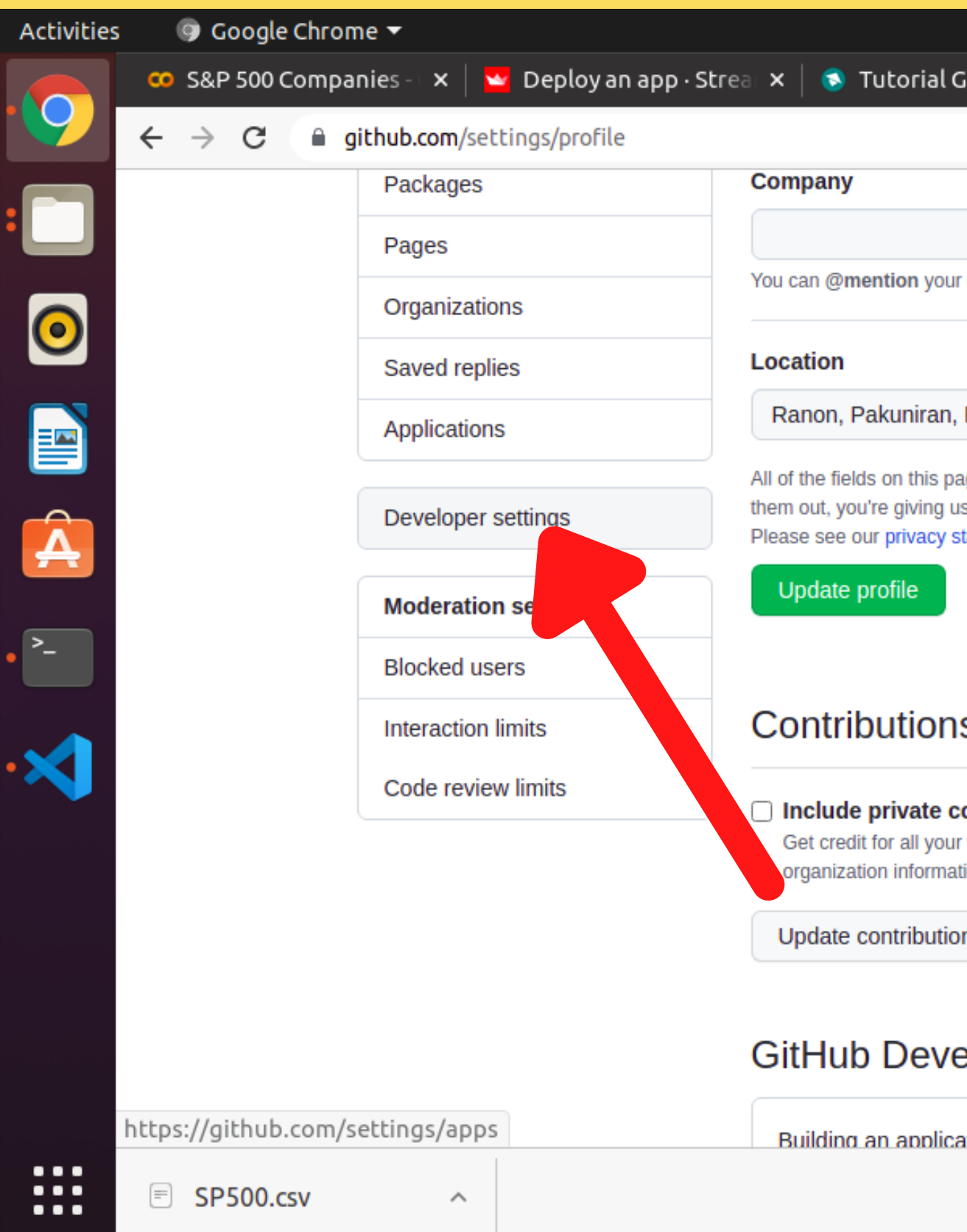
Feature preview

Help

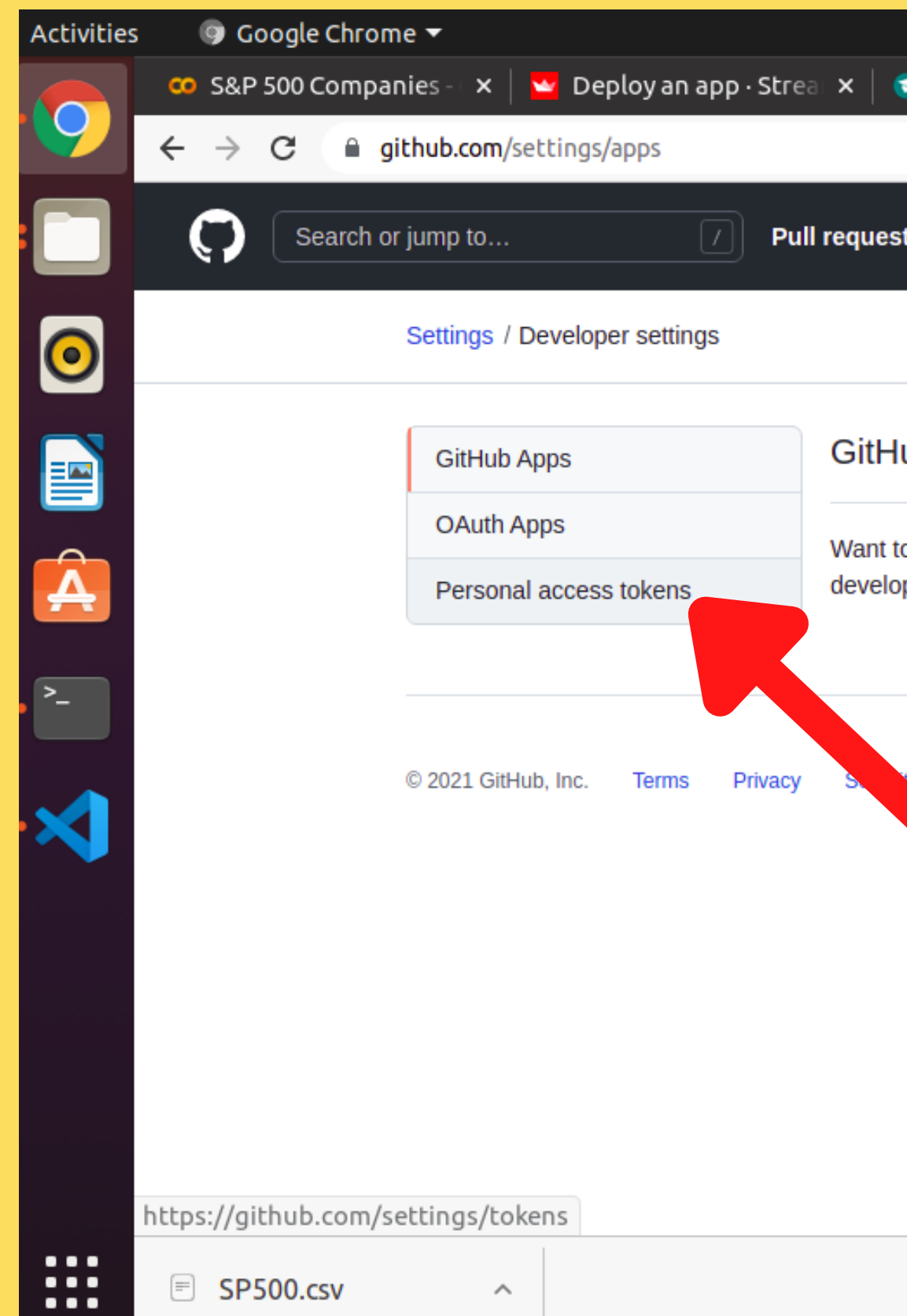
Settings

Sign out

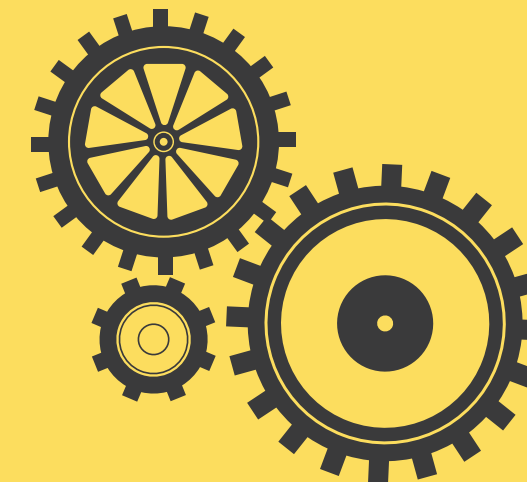
<https://github.com/settings/profile>



**Masuk Ke
Developer
Settings**



**Personal
Acces Token**



STEP 8

COPY TOKEN



Activities Google Chrome Nov 22 22:41

S&P 500 Companies x Deploy an app · Strea x Tutorial Git #2: Cara x Personal Access Toke x cara keluar dari tmux x

github.com/settings/tokens

Search or jump to... Pull requests Issues Marketplace Explore

Some of the scopes you've selected are included in other scopes. Only the minimum set of necessary scopes has been saved.

Settings / Developer settings

GitHub Apps OAuth Apps **Personal access tokens**

Personal access tokens

Generate new token Revoke all

Tokens you have generated that can be used to access the [GitHub API](#).

Make sure to copy your personal access token now. You won't be able to see it again!

✓ [Redacted token] [Copy icon] Delete

Personal access tokens function like ordinary OAuth access tokens. They can be used instead of a password for Git over HTTPS, or can be used to [authenticate to the API over Basic Authentication](#).

© 2021 GitHub, Inc. Terms Privacy Security Status Docs Contact GitHub Pricing API Training Blog About

SP500.csv ^ Show all x

STEP 9

INPUT TOKEN



```
Activities Terminal Nov 22 22:38 saifulislam@saifulislam: ~/streamlit/part10
(base) saifulislam@saifulislam:~/streamlit/part10$ ls
Aplikasi_SP500.py README.md requirements.txt
(base) saifulislam@saifulislam:~/streamlit/part10$ git init
Initialized empty Git repository in /home/saifulislam/streamlit/part10/.git/
(base) saifulislam@saifulislam:~/streamlit/part10$ git add .
(base) saifulislam@saifulislam:~/streamlit/part10$ git commit -m "Ini adalah proses upload file pertama"
[master (root-commit) 86629ca] Ini adalah proses upload file pertama
3 files changed, 93 insertions(+)
create mode 100644 Aplikasi_SP500.py
create mode 100644 README.md
create mode 100644 requirements.txt
(base) saifulislam@saifulislam:~/streamlit/part10$ git branch -M main
(base) saifulislam@saifulislam:~/streamlit/part10$ git remote add origin https://github.com/Saifulislam365/streamlit-webscraping.git
(base) saifulislam@saifulislam:~/streamlit/part10$ git push -u origin main
Username for 'https://github.com': Saifulislam365
Password for 'https://Saifulislam365@github.com':
```

Pastekan Di Sini

STEP 10

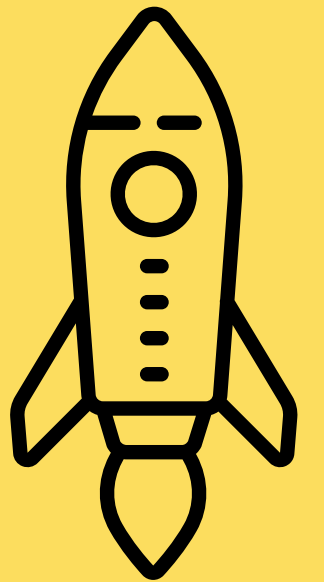
GIT PUSH



```
Activities Terminal Nov 22 22:41 saifulislam@saifulislam: ~/streamlit/part10

(base) saifulislam@saifulislam:~/streamlit/part10$ ls
Aplikasi_SP500.py  README.md  requirements.txt
(base) saifulislam@saifulislam:~/streamlit/part10$ git init
Initialized empty Git repository in /home/saifulislam/streamlit/part10/.git/
(base) saifulislam@saifulislam:~/streamlit/part10$ git add .
(base) saifulislam@saifulislam:~/streamlit/part10$ git commit -m "Ini adalah proses upload file pertama"
[master (root-commit) 86629ca] Ini adalah proses upload file pertama
 3 files changed, 93 insertions(+)
 create mode 100644 Aplikasi_SP500.py
 create mode 100644 README.md
 create mode 100644 requirements.txt
(base) saifulislam@saifulislam:~/streamlit/part10$ git branch -M main
(base) saifulislam@saifulislam:~/streamlit/part10$ git remote add origin https://github.com/Saifulislam365/streamlit-webscraping.git
(base) saifulislam@saifulislam:~/streamlit/part10$ git push -u origin main
Username for 'https://github.com': Saifulislam365
Password for 'https://Saifulislam365@github.com':
Enumerating objects: 5, done.
Counting objects: 100% (5/5), done.
Delta compression using up to 2 threads
Compressing objects: 100% (4/4), done.
Writing objects: 100% (5/5), 1.81 KiB | 929.00 KiB/s, done.
Total 5 (delta 0), reused 0 (delta 0)
To https://github.com/Saifulislam365/streamlit-webscraping.git
 * [new branch]      main -> main
Branch 'main' set up to track remote branch 'main' from 'origin'.
(base) saifulislam@saifulislam:~/streamlit/part10$
```


HASIL INPUT FILE



Activities Google Chrome Nov 22 22:41

S&P 500 Companies - x Deploy an app - Strea x Tutorial Git #2: Cara x Saifulislam365/strea x cara keluar dari tmux x

github.com/Saifulislam365/streamlit-webscraping

Search or jump to... Pull requests Issues Marketplace Explore

Saifulislam365 / streamlit-webscraping Public

Unwatch 1 Star 0 Fork 0

Code Issues Pull requests Actions Projects Wiki Security Insights Settings

main 1 branch 0 tags

Go to file Add file Code

Saifulislam365 Ini adalah proses upload file pertama 86629ca 5 minutes ago 1 commit

Aplikasi_SP500.py	Ini adalah proses upload file pertama	5 minutes ago
README.md	Ini adalah proses upload file pertama	5 minutes ago
requirements.txt	Ini adalah proses upload file pertama	5 minutes ago

README.md

streamlit-webscraping

SP500.csv

Show all

About

Ini adalah cara mengambil data di suatu web yang saya contohkan pada wikipedia. sehingga kita bisa menampilkan informasi yang lebih berguna

Readme

Releases

No releases published
[Create a new release](#)

Packages

No packages published

STEP 11

STREAMLIT

Activities Google Chrome Nov 22 22:42

S&P 500 Companies - x Deploy an app - Strea x Tutorial Git #2: Cara x Saifulislam365/strea x saifulislam365's apps x

share.streamlit.io

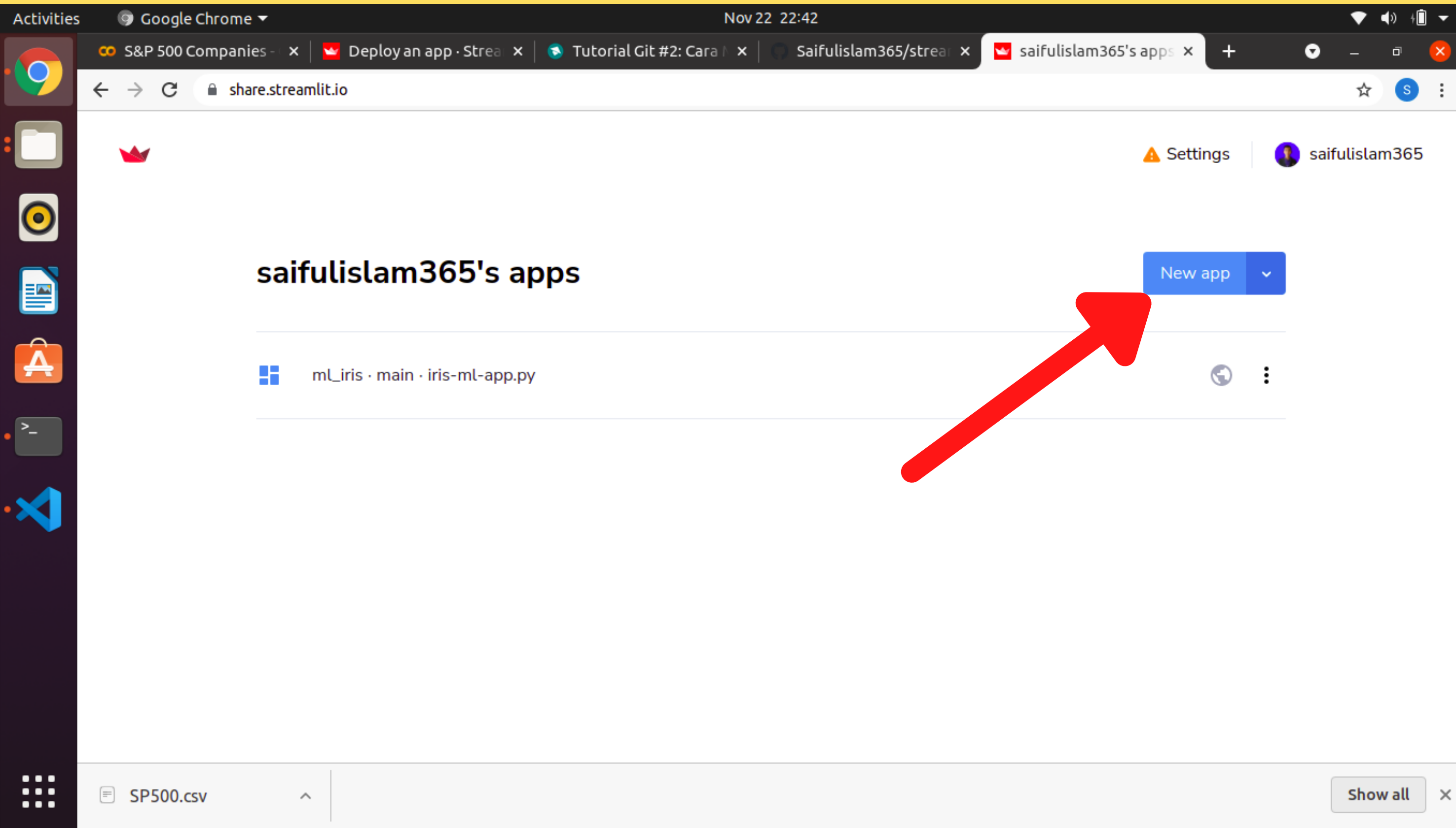
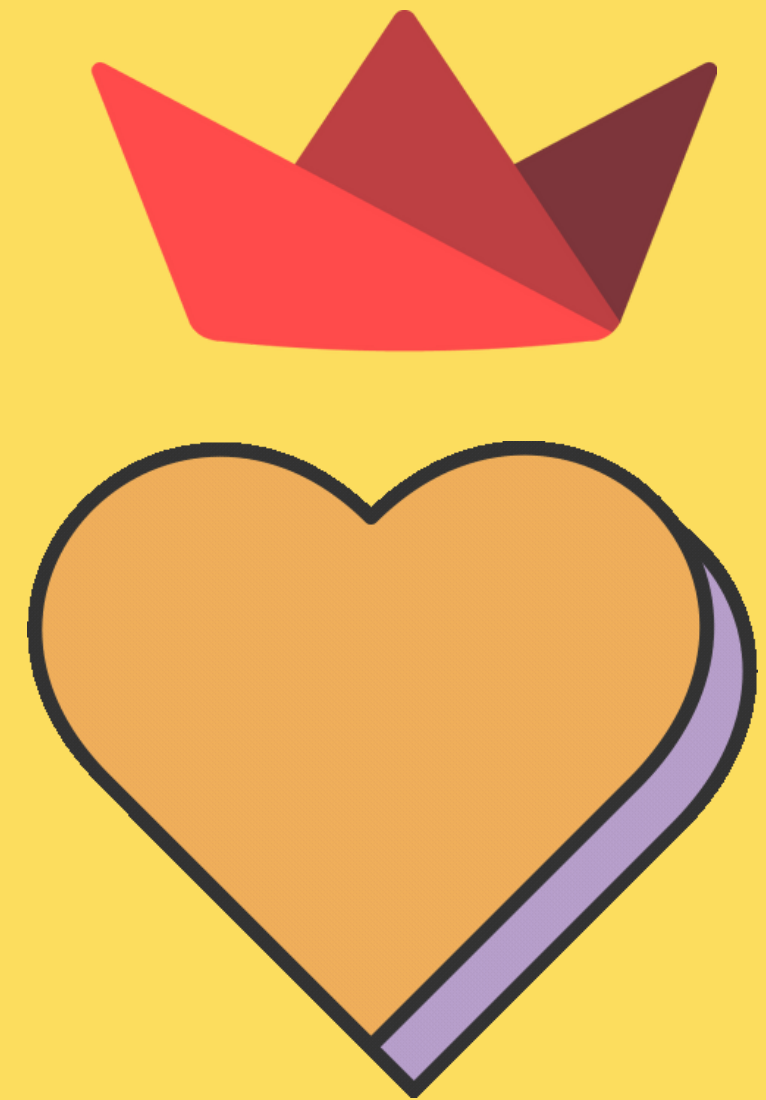
Settings saifulislam365

saifulislam365's apps

New app

mL_iris · main · iris-ml-app.py

SP500.csv Show all x

A screenshot of a web browser window showing the Streamlit web interface. The browser's address bar displays 'share.streamlit.io'. The page title is 'saifulislam365's apps'. In the top right corner, there is a 'Settings' link and a user profile for 'saifulislam365'. Below the title, there is a list of apps. The first app is 'mL_iris · main · iris-ml-app.py'. To the right of this app entry, there is a blue button labeled 'New app' with a dropdown arrow. A large red arrow points from the bottom center towards the 'New app' button. The bottom of the browser window shows a file named 'SP500.csv' and a 'Show all' button.

STEP 12

MEMBUAT APP BARU



Activities Google Chrome Nov 22 22:45

S&P 500 Companies x Deploy an app · Strea x Tutorial Git #2: Cara x Saifulislam365/strea x Deploy an app · Strea x

share.streamlit.io/deploy

[← Back](#)

Deploy an app

Apps are deployed directly from their GitHub repo. Enter the location of your app below.

Repository [Paste GitHub URL](#)

Saifulislam365/streamlit-webscraping

Branch

main

Main file path

Aplikasi_SP500.py

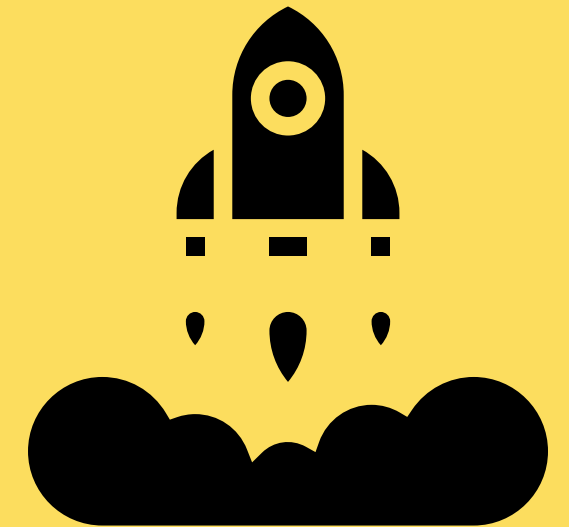
[Advanced settings...](#)

Deploy!

**Pastikan
Akunmu sudah
terhubung
dengan GitHub**

STEP 13

DEPLOYMENT




**Otomatis
Terbaca
System**

Activities Google Chrome Nov 22 22:45

S&P 500 Companies - x Deploy an app · Strea x Tutorial Git #2: Cara x Saifulislam365/strea x Streamlit x

share.streamlit.io/saifulislam365/streamlit-webscraping/main/Aplikasi_SP500.py

 Your app is in the oven

```
[client] Provisioning machine...  
[client] Preparing system...
```

main saifulislam365/streamlit-webscrapin... Show all x

SP500.csv

STEP 14

VERIFIKASI

Activities Google Chrome Nov 22 22:47

S&P 500 Companies - Cola x Tutorial Git #2: Cara Mem x Saifulislam365/streamlit- x Streamlit

share.streamlit.io/saifulislam365/streamlit-webscraping/main/Aplikasi_SP500.py

ModuleNotFoundError: This app has encountered an error. The original error message is redacted to prevent data leaks. Full error details have been recorded in the logs.

Traceback:

```
File "/home/appuser/venv/lib/python3.7/site-packages/streamlit/script_runner.py", line 100, in exec(code, module.__dict__)
File "/app/streamlit-webscraping/Aplikasi_SP500.py", line 5, in <module>
import seaborn as sns
```

Made with Streamlit

SP500.csv

Show all x

Ternyata ada modul yang belum di tulis di requirement.txt

jadi saya harus tambahkan di requirement.txt beserta versinya



STEP 15

GIT PUSH AGAIN



```
xz 5.2.5 h7b6447c_0
yaml 0.2.5 h7b6447c_0
yapf 0.31.0 pyhd3eb1b0_0
zeromq 4.3.4 h2531618_0
zfp 0.5.5 h2531618_6
zict 2.0.0 pyhd3eb1b0_0
zipp 3.6.0 pyhd3eb1b0_0
zlib 1.2.11 h7b6447c_3
zope 1.0 py39h06a4308_1
zope.event 4.5.0 py39h06a4308_0
zope.interface 5.4.0 py39h7f8727e_0
zstd 1.4.9 haebb681_0
(base) saifulislam@saifulislam:~/streamlit/part10$ ^C
(base) saifulislam@saifulislam:~/streamlit/part10$ git init
Reinitialized existing Git repository in /home/saifulislam/streamlit/part10/.git/
(base) saifulislam@saifulislam:~/streamlit/part10$ git add .
(base) saifulislam@saifulislam:~/streamlit/part10$ git commit -m "Ini adalah proses upload file 2"
[main 7ea3cbe] Ini adalah proses upload file 2
1 file changed, 1 insertion(+), 1 deletion(-)
(base) saifulislam@saifulislam:~/streamlit/part10$ git branch -M main
(base) saifulislam@saifulislam:~/streamlit/part10$ git remote add origin https://github.com/Saifulislam365/streamlit-webscraping.git
fatal: remote origin already exists.
(base) saifulislam@saifulislam:~/streamlit/part10$ git push
Username for 'https://github.com': Saifulislam365
Password for 'https://Saifulislam365@github.com':
Enumerating objects: 5, done.
Counting objects: 100% (5/5), done.
Delta compression using up to 2 threads
Compressing objects: 100% (3/3), done.
Writing objects: 100% (3/3), 310 bytes | 310.00 KiB/s, done.
Total 3 (delta 2), reused 0 (delta 0)
remote: Resolving deltas: 100% (2/2), completed with 2 local objects.
To https://github.com/Saifulislam365/streamlit-webscraping.git
86629ca..7ea3cbe main -> main
(base) saifulislam@saifulislam:~/streamlit/part10$
```


STEP 16

BUKA GITHUB



Activities Google Chrome Nov 22 22:51

S&P 500 Companies - Cola Tutorial Git #2: Cara Mem streamlit-webscraping/re Streamlit

github.com/Saifulislam365/streamlit-webscraping/blob/main/requirements.txt

Search or jump to... Pull requests Issues Marketplace Explore

Saifulislam365 / streamlit-webscraping Public

Unwatch 1 Star 0 Fork 0

<> Code Issues Pull requests Actions Projects Wiki Security Insights Settings

main streamlit-webscraping / requirements.txt Go to file ...

Saifulislam365 Ini adalah proses upload file 2 Latest commit 7ea3cbe 2 minutes ago History

1 contributor

7 lines (7 sloc) 110 Bytes Raw Blame

```
1 streamlit==1.2.0
2 pandas==1.3.4
3 base58==2.1.1
4 matplotlib==3.5.0
5 numpy==1.20.0
6 yfinance==0.1.67
7 seaborn==0.11.2
```

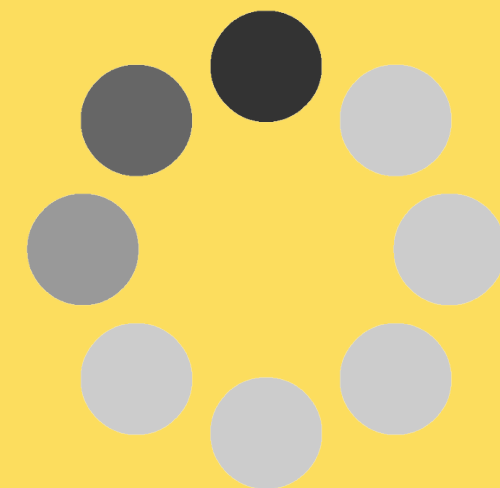
SP500.csv Show all

Cek di
requirements.txt

Terlihat bahwa
sudah
ditambahkan

STEP 17

PROSES DEPLOY



Activities Google Chrome Nov 22 22:52

S&P 500 Companies - Cola x Tutorial Git #2: Cara Mem x streamlit-webscraping/re x Streamlit x

share.streamlit.io/saifulislam365/streamlit-webscraping/main/Aplikasi_SP500.py

Waiting for share.streamlit.io...

SP500.csv

Show all x

```
Successfully uninstalled base58-2.1.1
Attempting uninstall: astor
Found existing installation: astor 0.8.1
Uninstalling astor-0.8.1:
  Successfully uninstalled astor-0.8.1
Attempting uninstall: altair
Found existing installation: altair 4.1.0
Uninstalling altair-4.1.0:
  Successfully uninstalled altair-4.1.0
Attempting uninstall: yfinance
Found existing installation: yfinance 0.1
Uninstalling yfinance-0.1.67:
  Successfully uninstalled yfinance-0.1.6
Attempting uninstall: streamlit
Found existing installation: streamlit 1.
Uninstalling streamlit-1.2.0:
  Successfully uninstalled streamlit-1.2.
Successfully installed MarkupSafe-2.0.1 Send2
WARNING: You are using pip version 21.1.1; ho
You should consider upgrading via the '/home/
[manager] Python dependencies were installed
Stopping...
[client] Disconnecting...
[client] Provisioning machine...
[client] Preparing system...
[client] Spinning up manager process...
[client] Connecting...
```

STEP 18

BERHASIL

Activities

Google Chrome

Nov 22 22:54

S&P 500 Companies - Cola x Tutorial Git #2: Cara Mem x Streamlit x

share.streamlit.io/saifulislam365/streamlit-webscraping/main/Aplikasi_SP500.py

Fitur Masukan Pengguna

Sector

Communication Se... x

Consumer Discretio... x

Consumer Staples x

Energy x Financials x

Health Care x

Industrials x

Information Techn... x

Materials x Real Estate x

Utilities x

Jumlah Perusahaan

1

3

5

SP500.csv

Show all x

APLIKASI S&P 500

S&P 500 adalah sebuah indeks yang terdiri dari saham 500 perusahaan terbesar dari berbagai sektor yang terdaftar di bursa saham Amerika Serikat. Aplikasi ini mengambil daftar **S&P 500** (dari Wikipedia) dan **Harga Penutupan Saham** yang sesuai (tahun-ke-tanggal)!

- libray Python: base64, pandas, streamlit, numpy, matplotlib, seaborn
- Sumber Data: [Wikipedia](#).
- Sumber Belajar: [Youtube](#).

Tampilkan Perusahaan di Sektor Terpilih

Dimensi Data: 505 rows and 9 columns.

	Symbol	Security	SEC filings	GICS Sector	GICS Sub-
19	LNT	Alliant Energy	reports	Utilities	Electric U
20	ALL	Allstate Corp	reports	Financials	Property &
21	GOOGL	Alphabet (Class A)	reports	Communication Services	Interactiv
22	GOOG	Alphabet (Class C)	reports	Communication Services	Interactiv

Manage app



Referensi :

Data Profesor

<https://www.youtube.com/watch?v=ZZ4B0QUHuNc&list=PLtqF5YXg7GLmCvTswG32NqQypOuYkPRUE>

Git Hub

<https://github.com/dataprofessor/code/tree/master/streamlit>

Coach Adi

<https://www.youtube.com/watch?v=qEuuSLCtqtM>

Linked In

https://www.linkedin.com/posts/adi-syahadi_introduction-to-streamlit-activity-6867332737905369088-x5Zt

Git Hub

<https://github.com/Saifulislam365/streamlit-webscraping>