



multiverse



GitHub and Version Control

Data Science Unit 1

multiverse

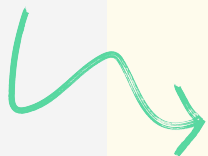


What is Version Control?





Version Control



VERSION CONTROL

a developer's best friend



multiverse




Github









Github



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Alastair Tyson
Alastair-Tyson


Data Coach | Mathematician | Cricket Fan

Edit profile

2 followers · 2 following · 0 stars

 WhiteHat

 Brentwood, UK

 <https://www.atyson-datascience.com/>

Overview


Repositories 18

Projects 1


Packages

Pinned


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 [capstone-project](#)


Python

 [titanic](#)

JavaScript


 [wwe-analysis](#)

Jupyter Notebook


 [Regression-Demonstration](#)

Linear Regression Demonstration: Enter in coordinates and watch how regression line changes.

Python

 [underground](#)

JavaScript

 [Escape room](#)


```
1 #The following code runs an Escape Room I have made to help
2 import time
3 import threading
4 import sys
5 import string
```

49 contributions in the last year

Contribution settings

	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Mon													
Tue													
Wed													
Thu													
Fri													




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Alastair-Tyson / Regression-Demonstration

Unwatch 1 Star 0 Fork 0

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

master 1 branch 0 tags Go to file Add file Code

 Alastair Tyson and Alastair Tyson ready to upload 546c354 on 8 Mar 4 commits

 .gitignore	ready to upload	7 months ago
 README.md	Update README.md	7 months ago
 application.py	lin regress first upload	7 months ago
 requirements.txt	lin regress first upload	7 months ago

README.md

Regression-Demonstration

Linear Regression Demonstration

Enter x and y coordinates to table and watch how regression line tries to best fit the data. Option to add in residual lines and mean line for comparison R^2 , MAE and RMSE returned below.

Activities:

1. Enter in 10 values and observe the metric scores underneath

About

Linear Regression Demonstration: Enter in coordinates and watch how regression line changes.

Readme

Releases

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






Packages

No packages published
[Publish your first package](#)

Languages


Python 100.0%




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
[Code](#) [Issues](#) [Pull requests](#) [Actions](#) [Projects](#) [Wiki](#) [Security](#) [Insights](#) [Settings](#)

 master


 Commits on Mar 8, 2020



ready to upload

 Alastair Tyson authored and Alastair Tyson committed on 8 Mar


 546c354 



lin regress first upload

 Alastair Tyson authored and Alastair Tyson committed on 8 Mar


 940764f 



Update README.md

 Alastair-Tyson committed on 8 Mar

Verified  86a213c 

Initial commit

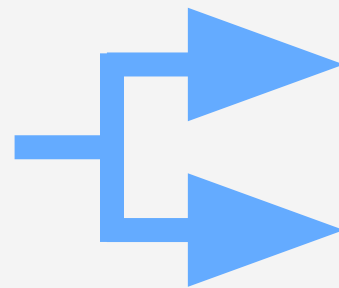
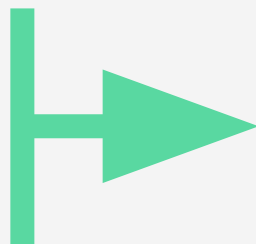
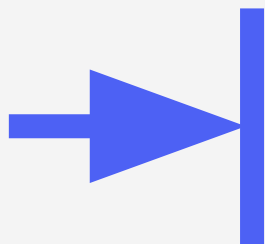
 Alastair-Tyson committed on 8 Mar

Verified  a6cc3b2 

[Newer](#) [Older](#)



Github





Github



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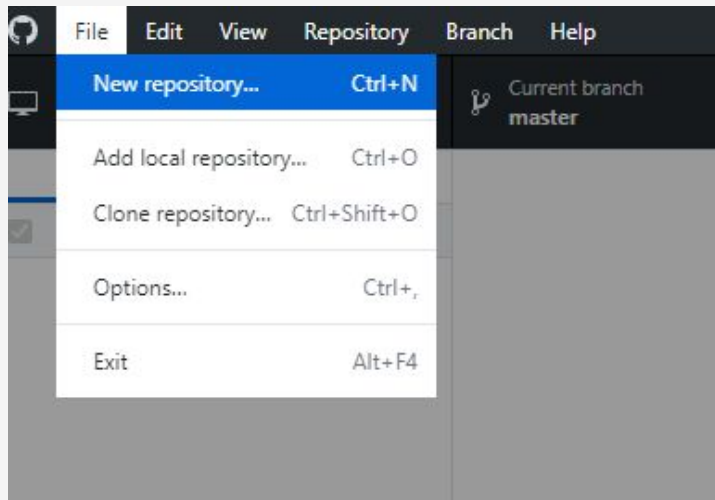
multiverse

Using the app





Github





Github

Create a new repository

×

Name

white_hat_ds_bootcamp

Description

Local path

C:\Users\Alastair Tyson\Documents\GitHub

Choose...

☒ Initialize this repository with a README

Git ignore

None

▼

License

None

▼

Create repository

Cancel



Github

FileEditViewRepositoryBranchHelp

Current repository
white_hat_ds_bootcamp

Current branch
master

Publish repository
Publish this repository to GitHub

Changes 1

History






Hello.txt



☒ 1 changed file

☒ Hello.txt





Github

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[Overview](#) [Repositories 19](#) [Projects 1](#) [Packages](#)


Type: All 

Language: All 

[New](#)


[white_hat_ds_bootcamp](#) Private

Updated 2 minutes ago

 [Star](#)

[Plotly-Dash-Demo](#)

Jupyter Notebook Updated on 11 May

 [Star](#)



Github

🔗 master ▾


🌿 1 branch



🏷️ 0 tags


Go to file

Add file ▾

📄 Code ▾

 Alastair-Tyson Initial commit cfbfdb0 36 minutes ago ⌚ 1 commits

 .gitattributes	Initial commit	36 minutes ago
 README.md	Initial commit	36 minutes ago

README.md 

white_hat_ds_bootcamp



Github

File Explorer window showing the contents of the 'GitHub' folder located in 'This PC > Documents'.

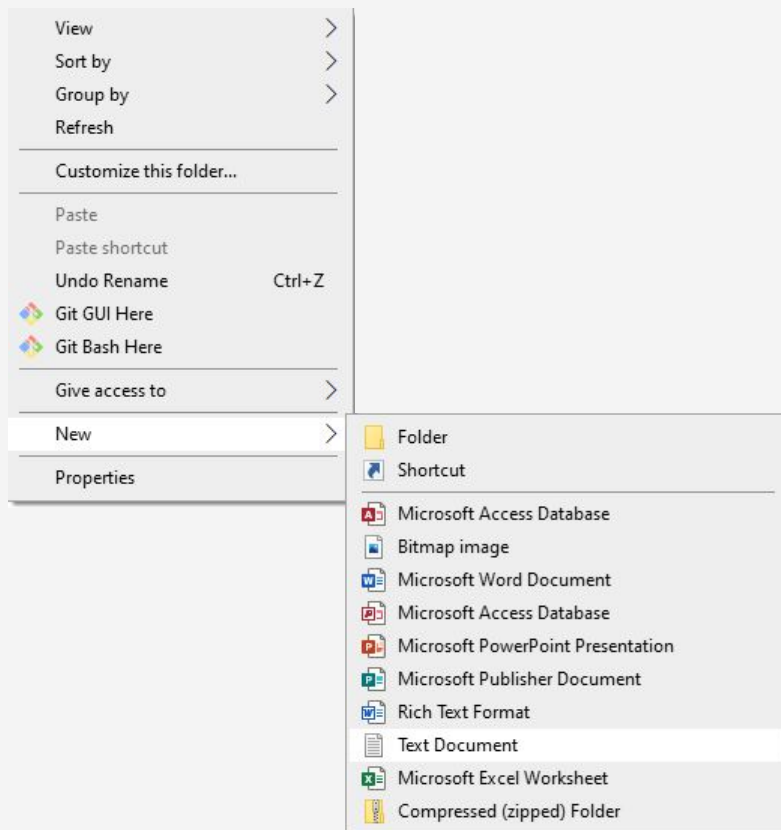
Navigation: This PC > Documents > GitHub

Left Pane (Navigation):

- Quick access
- Desktop
- Downloads
- Documents
- Pictures
- DS3
- location
- M4
- video uploads
- OneDrive
- This PC
- 3D Objects
- Desktop
- Documents
- Downloads

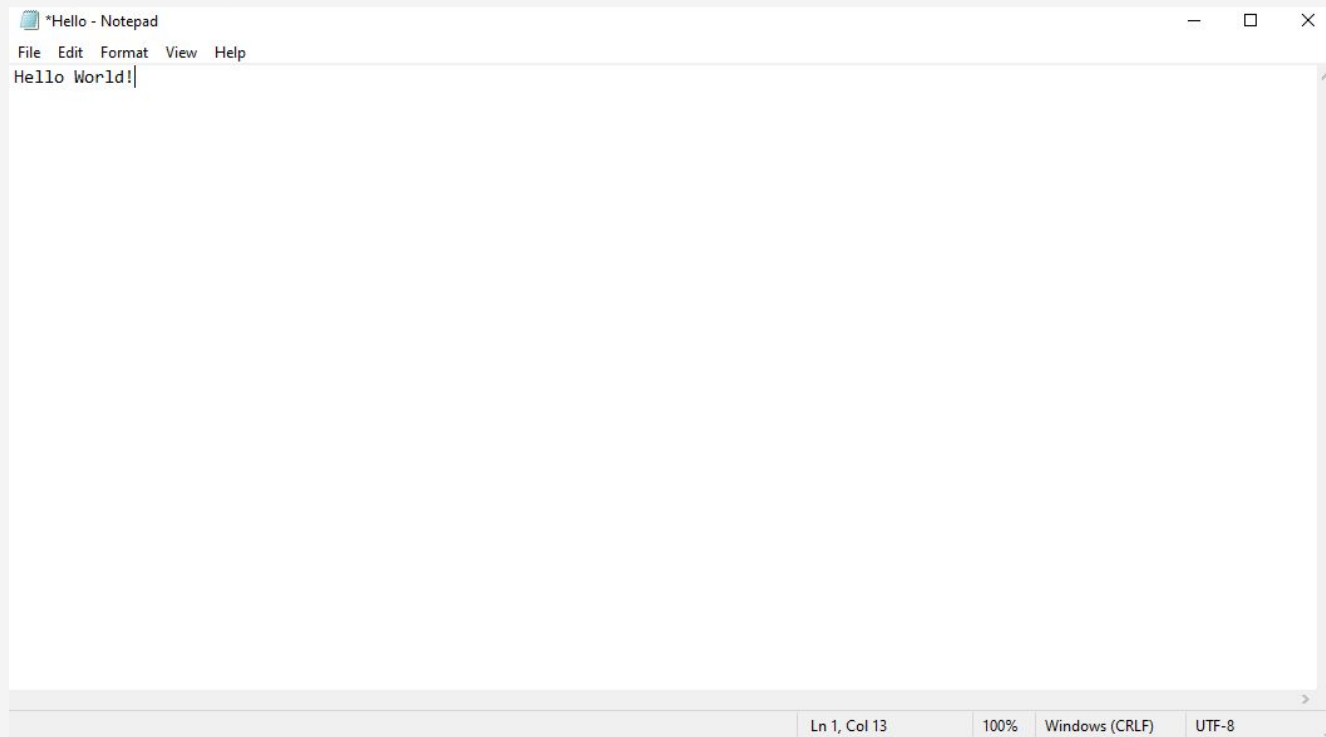
Right Pane (File List):

Name	Date modified	Type	Size
.ipynb_checkpoints	11/09/2020 15:38	File folder	
cap-code	22/09/2020 11:14	File folder	
capstone-project	11/09/2020 14:15	File folder	
DAT-course-materials	04/08/2020 13:50	File folder	
Demos	23/09/2020 16:54	File folder	
Plotly-Dash-Demo	11/09/2020 16:46	File folder	
Regression-Demonstration	24/08/2020 12:10	File folder	
star_wars_char	11/09/2020 15:35	File folder	
titanic	11/09/2020 15:36	File folder	
underground	11/09/2020 15:35	File folder	
Untitled Folder	22/09/2020 10:18	File folder	
white_hat_ds_bootcamp	23/09/2020 16:59	File folder	





Github





Github

Current repository
white_hat_ds_bootcamp

Current branch
master

Push origin
Last fetched 7 minutes ago

Changes 1

History

1 changed file


Hello.txt

Hello.txt

@@ -0,0 +1 @@
+Hello World!



Github



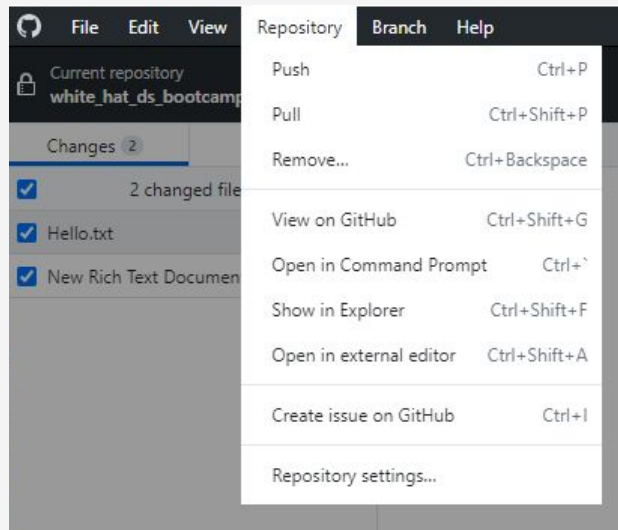
Description

1+

Commit to **master**



Github





Alastair-Tyson / [white_hat_ds_bootcamp](#) Private

[Code](#) [Issues](#) [Pull requests](#) [Actions](#) [Projects](#) [Security](#) [Insights](#) [Settings](#)

master 1 branch 0 tags

[Go to file](#)

[Add file](#)

[Code](#)



Alastair-Tyson Update Hello.txt

efd8490 1 minute ago 3 commits



.gitattributes

Initial commit

1 hour ago



Hello.txt

Update Hello.txt

1 minute ago



New Rich Text Document.rtf

first edit

13 minutes ago



README.md

Initial commit






1 hour ago

README.md



white_hat_ds_bootcamp



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[white_hat_ds_bootcamp](#) /

[Edit new file](#) [Preview](#)

Spaces

2

No wrap

1 How to pull from Github


Commit new file

Create diff

Add an optional extended description...


☒ Commit directly to the `master` branch.
☐ Create a new branch for this commit and start a pull request. [Learn more about pull requests.](#)





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<> Code ! Issues 🛠 Pull requests ▶ Actions 📁 Projects ! Security 📊 Insights ⚙ Settings


 master


 1 branch






 0 tags


Go to file

Add file

 Code

 Alastair-Tyson Create demo_pull 35cf390 2 minutes ago ⌚ 4 commits

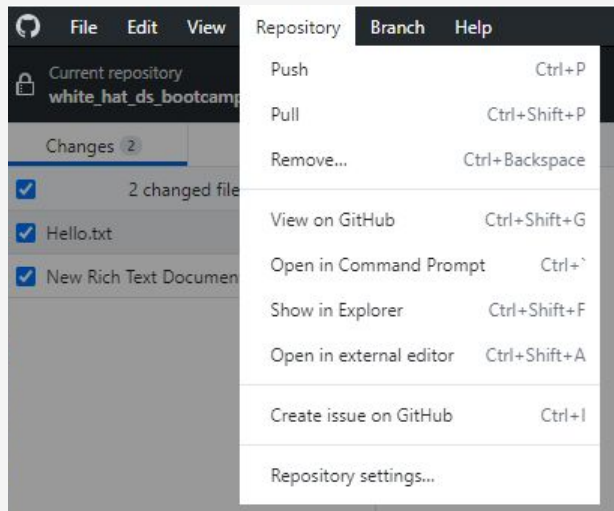
 .gitattributes	Initial commit	1 hour ago
 Hello.txt	Update Hello.txt	6 minutes ago
 New Rich Text Document.rtf	first edit	18 minutes ago
 README.md	Initial commit	1 hour ago
 demo_pull	Create demo_pull	2 minutes ago

README.md 

white_hat_ds_bootcamp

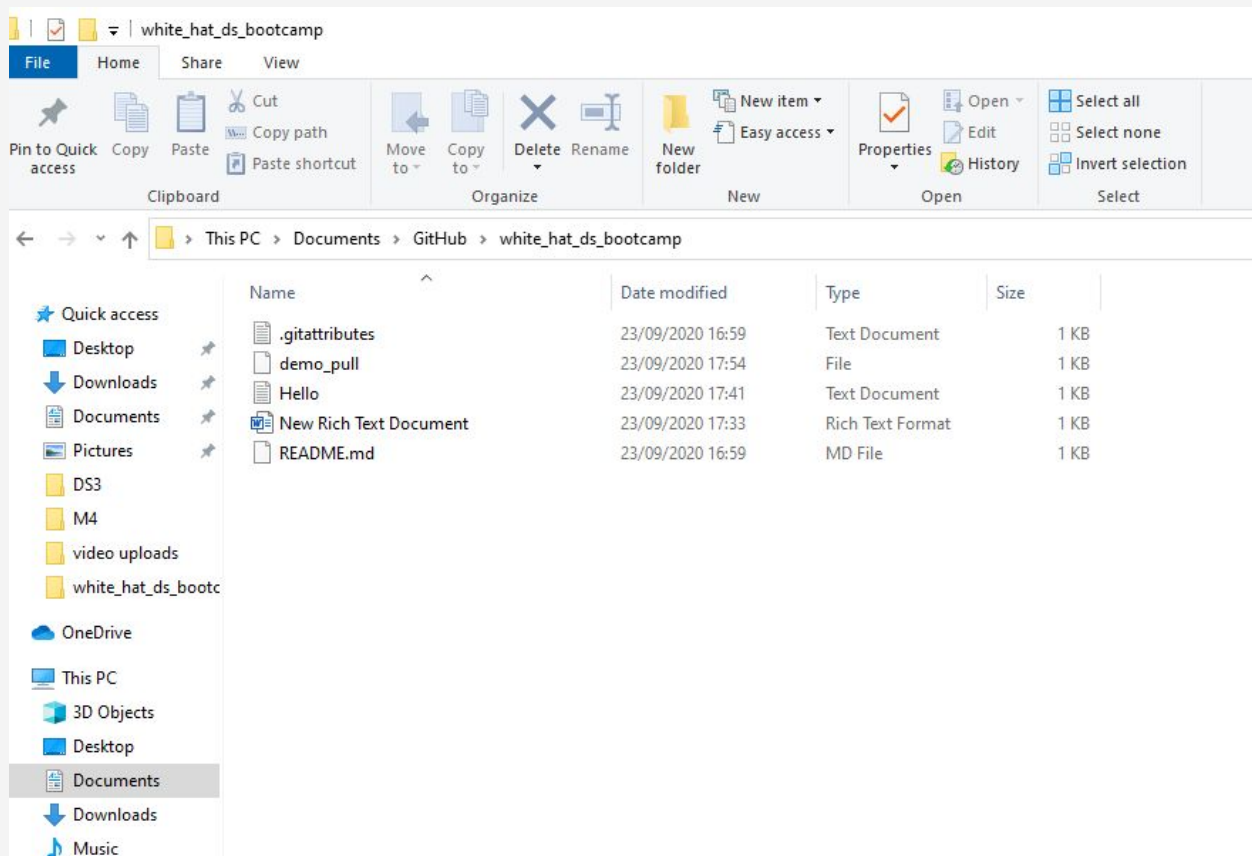


Github





Github





multiverse

Activity





Activity



- Create a new repository on your online Github account
- On your desktop app, go to file and select 'clone repository' and pull the new one you just created
- If you have any personal projects that you don't mind going public, put them in this folder
- Change to this repository on your app and commit the changes
- Push to the remote repository and check to see if it worked



multiverse

Jupyter Notebook





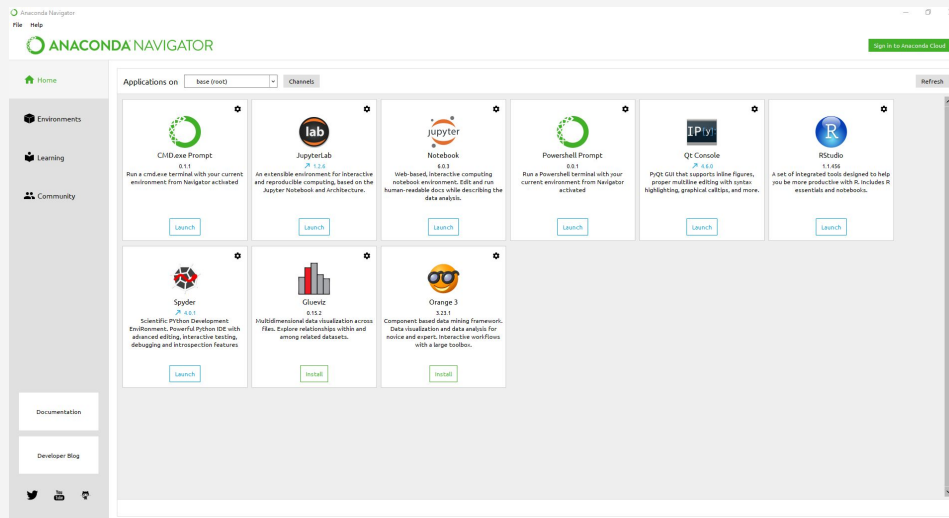
Python





Jupyter Notebook

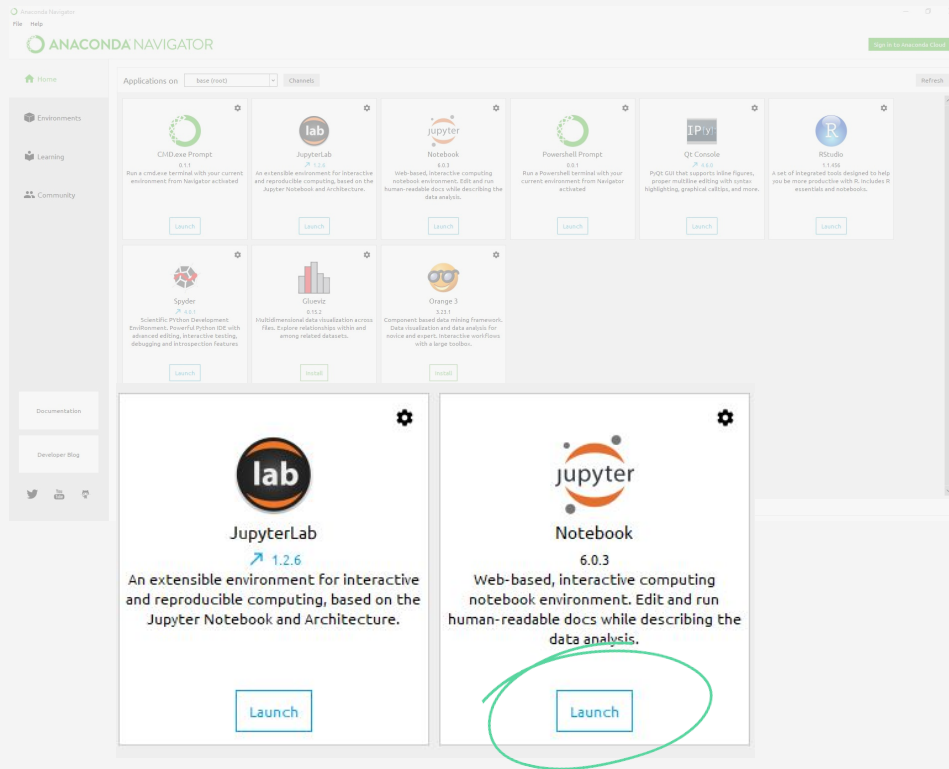
- You should have installed Anaconda by now.
- Open “Anaconda Navigator”. You should see this:





Jupyter Notebook

- You should have installed Anaconda by now.
- Open “Anaconda Navigator”. You should see this:
- Check to see if Jupyterlab and Jupyter notebook are installed. They should show “Launch”





Jupyter Notebook

 jupyter

QuitLogout

FilesRunningClusters

Select items to perform actions on them.

UploadNew ↕

☐ 0 ▾


/

Name ▾Last ModifiedFile size

<input type="checkbox"/>	3D Objects	a month ago	
<input type="checkbox"/>	anaconda3	5 months ago	
<input type="checkbox"/>	Contacts	a month ago	
<input type="checkbox"/>	Desktop	10 days ago	
<input type="checkbox"/>	Documents	14 days ago	
<input type="checkbox"/>	Downloads	a day ago	
<input type="checkbox"/>	Favorites	17 days ago	
<input type="checkbox"/>	Links	a month ago	
<input type="checkbox"/>	Music	a month ago	
<input type="checkbox"/>	OneDrive	9 hours ago	
<input type="checkbox"/>	Pictures	5 days ago	
<input type="checkbox"/>	Projects	5 months ago	
<input type="checkbox"/>	Saved Games	a month ago	



Jupyter Notebook



QuitLogout

FilesRunningClusters

Select items to perform actions on them.

UploadNew↺

☐ 0 ▾


/ Documents / GitHub / white_hat_ds_bootcamp


Name ▾Last ModifiedFile size

<input type="checkbox"/> ..	seconds ago	
<input type="checkbox"/> demo_pull	16 minutes ago	25 B
<input type="checkbox"/> Hello.txt	30 minutes ago	12 B
<input type="checkbox"/> New Rich Text Document.rtf	37 minutes ago	7 B
<input type="checkbox"/> README.md	an hour ago	26 B

















Jupyter Notebook

 **jupyter** Untitled Last Checkpoint: a few seconds ago (unsaved changes)

 Logout

File Edit View Insert Cell Kernel Widgets Help

Trusted  Python 3 

          Code  

In []: |



Jupyter Notebook

```
In [1]: print('Hello World')
```

```
Hello World
```

```
In [ ]: |
```



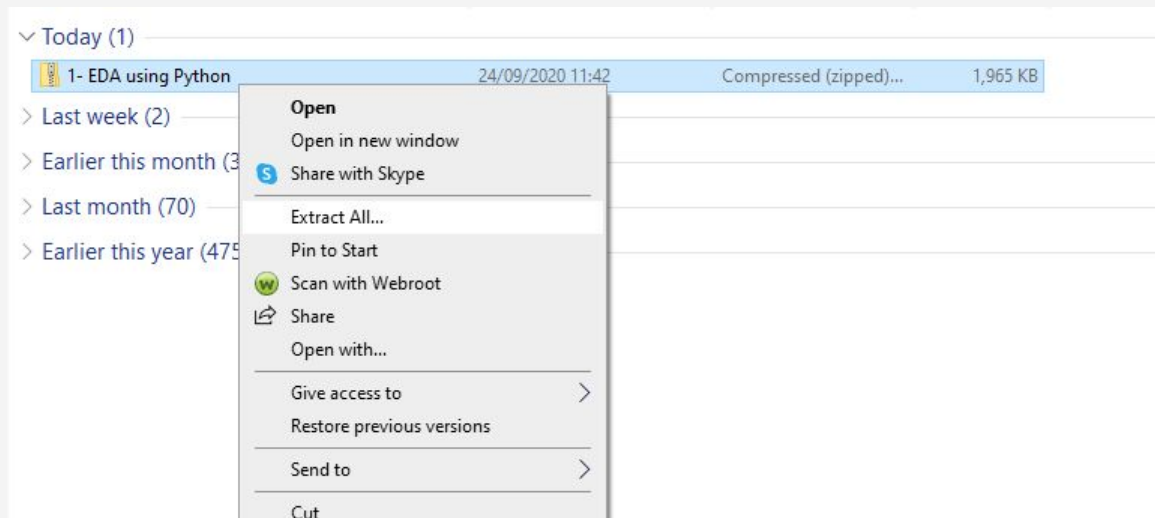
multiverse

Moving Forward





Jupyter Notebook





Jupyter Notebook

Today (1)

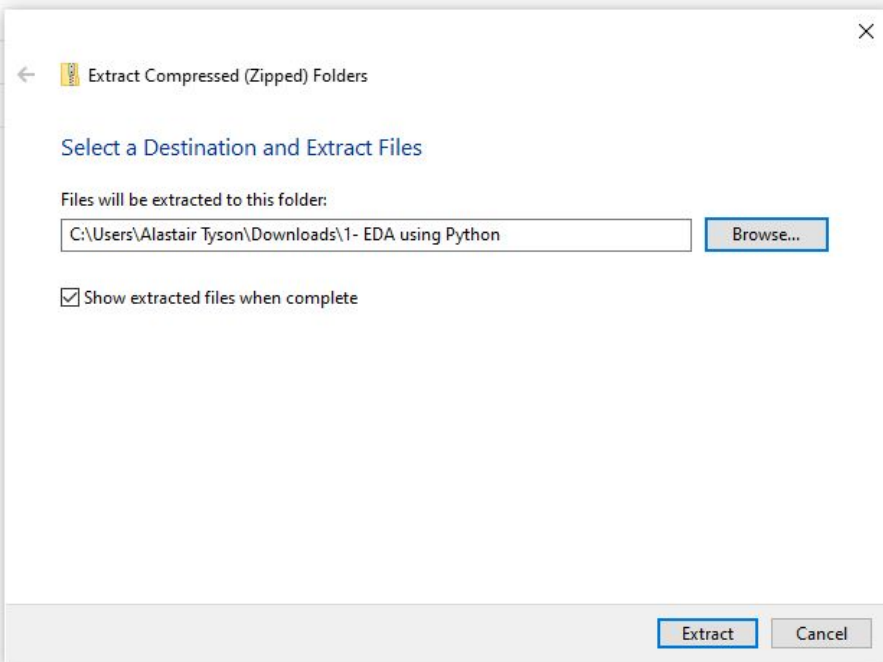
1- EDA using Python 24/09/2020 11:42 Compressed (zipped)... 1,965 KB

Last week (2)

Earlier this month (37)

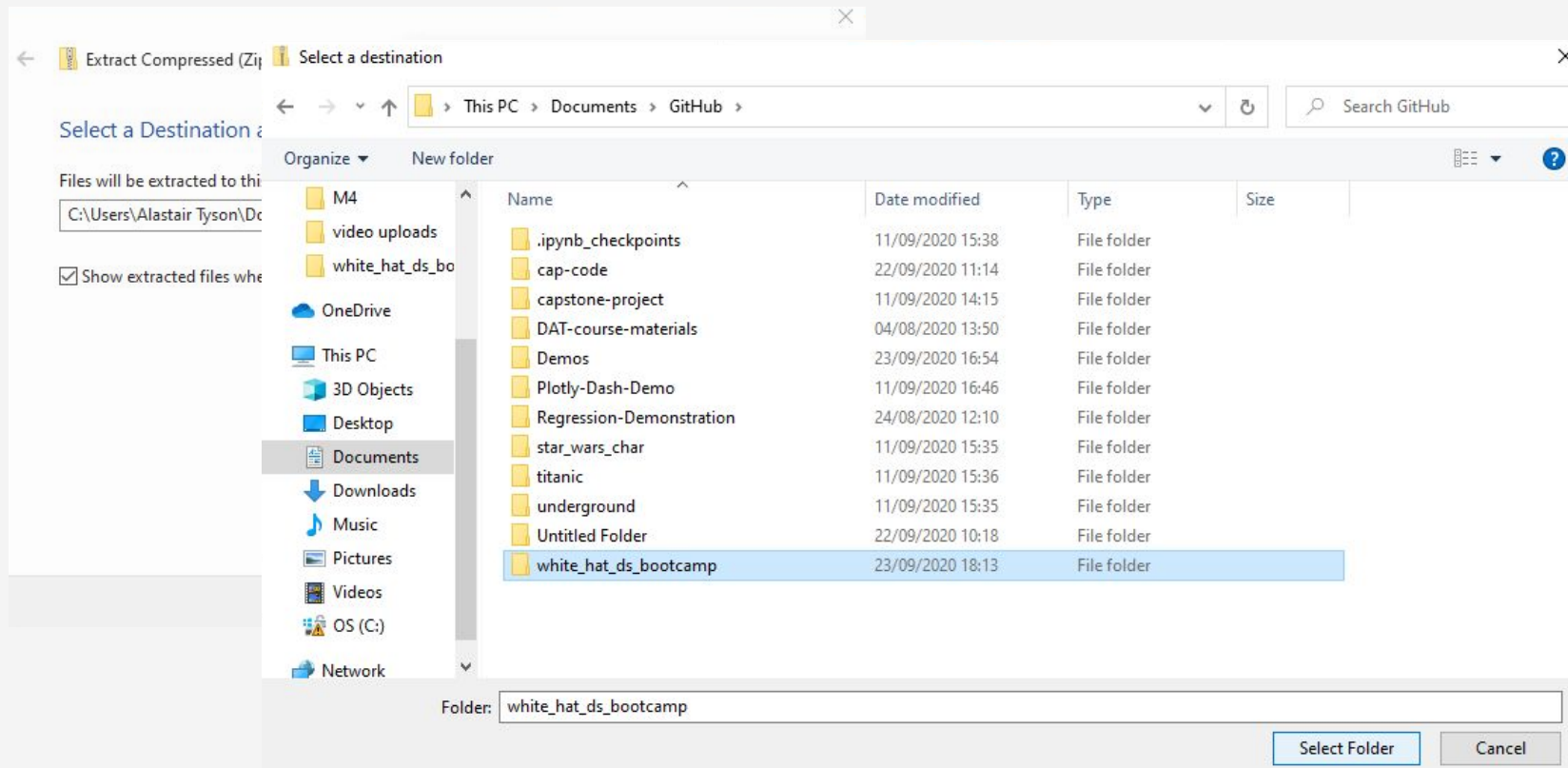
Last month (70)

Earlier this year (475)













Jupyter Notebook





Jupyter Notebook

 .ipynb_checkpoints	23/09/2020 18:12	File folder	
 exploratory-data-analysis	24/09/2020 11:45	File folder	
 .gitattributes	23/09/2020 16:59	Text Document	1 KB
 demo	23/09/2020 18:13	IPYNB File	1 KB
 demo_pull	23/09/2020 17:54	File	1 KB
 Hello	23/09/2020 17:41	Text Document	1 KB
 New Rich Text Document	23/09/2020 17:33	Rich Text Format	1 KB
 README.md	23/09/2020 16:59	MD File	1 KB