

Tutorial for Github and Python Environment Setup

I thought open a html file on Github should be a very common skill for everyone in this class, since you have mentioned it.

I make a Tutorial for all this problem.

First method is visit : <https://htmlpreview.github.io/>

GitHub & BitBucket HTML Preview

Enter URL of the HTML file to preview: e.g. https://github.com/user/repo/blob/master/index.html [»](#)

or prepend to the URL: <http://htmlpreview.github.io/?https://github.com/twbs/bootstrap/blob/gh-pages/2.3.2/index.html>

or use this bookmarklet while browsing GitHub or BitBucket: [HTMLPreview](#)

Developed by [niu tech](#) | Contribute on [GitHub](#)

then copy my html address which is :

[https://github.com/TZstatsADS/Fall2018-Proj1-andrewzhouxlx/blob/master/doc/project1_zz2520%20\(1\).html](https://github.com/TZstatsADS/Fall2018-Proj1-andrewzhouxlx/blob/master/doc/project1_zz2520%20(1).html)

and insert into the column in the website. done!

Second method: just download the file on the github

created by GitHub Classroom

1 branch 0 releases 2 contributors

Create new file Upload files Find file Clone or download ▾

ad	Latest commit 07:04 6 days ago
Add files via upload	6 days ago
Update README.md	6 days ago
Add files via upload	7 days ago
add project1	22 days ago
Add files via upload	6 days ago
Update README.md	7 days ago



unzip the file. then go to doc document to open the html file.

For the Python, I recommend you install Jupyter by : <https://www.anaconda.com/download>

Since [Anaconda Distribution](#) is the fastest and easiest way to do Python and R data science and machine learning on Linux, Windows, and Mac OS X. It's the industry standard for developing, testing, and training on a single machine. And its base package almost include all the packages we would like to use in the common live.

However, for this project, you need install 4 more packages in the terminal with **pip** command.

```
zhibozhou — a.tool — bash --init-file /dev/fd/63 — 80x24
You should consider upgrading via the 'pip install --upgrade pip' command.
[(base) bash-3.2$]
[(base) bash-3.2$]
[(base) bash-3.2$]
[(base) bash-3.2$ pip install pyLDAvis]
Collecting pyLDAvis
  Downloading https://files.pythonhosted.org/packages/a5/3a/af82e070a8a96e13217c
8f362f9a73e82d61ac8fff3a2561946a97f96266/pyLDAvis-2.1.2.tar.gz (1.6MB)
    100% |██████████| 1.6MB 7.2MB/s
Requirement already satisfied: wheel>=0.23.0 in ./anaconda3/lib/python3.6/site-p
ackages (from pyLDAvis) (0.31.1)
Requirement already satisfied: numpy>=1.9.2 in ./anaconda3/lib/python3.6/site-pa
ckages (from pyLDAvis) (1.14.3)
Requirement already satisfied: scipy>=0.18.0 in ./anaconda3/lib/python3.6/site-p
ackages (from pyLDAvis) (1.1.0)
Requirement already satisfied: pandas>=0.17.0 in ./anaconda3/lib/python3.6/site-
packages (from pyLDAvis) (0.23.0)
Collecting joblib>=0.8.4 (from pyLDAvis)
  Downloading https://files.pythonhosted.org/packages/69/91/d217cec1fe6eac525ca9
64cd67e4f79b1d4ce68b64cb82d0b9ae1af2311e/joblib-0.12.5-py2.py3-none-any.whl (275
kB)
    100% |██████████| 276kB 24.5MB/s
Requirement already satisfied: jinja2>=2.7.2 in ./anaconda3/lib/python3.6/site-p
ackages (from pyLDAvis) (2.10)
```

```
In [2]: import numpy as np
import pandas as pd
# pip install msgpack
# pip install plotly
# pip install wordcloud
# pip install pyLDAvis
import plotly.offline as py
py.init_notebook_mode(connected=True)
import plotly.graph_objs as go
import plotly.tools as tls
from collections import Counter
from scipy.misc import imread
from sklearn.feature_extraction.text import TfidfVectorizer, CountVectorizer
from sklearn.decomposition import NMF, LatentDirichletAllocation
from matplotlib import pyplot as plt
```

Lol peace!