

HƯỚNG DẪN CÀI ĐẶT CHẠY CODE CHO TIME SERIES

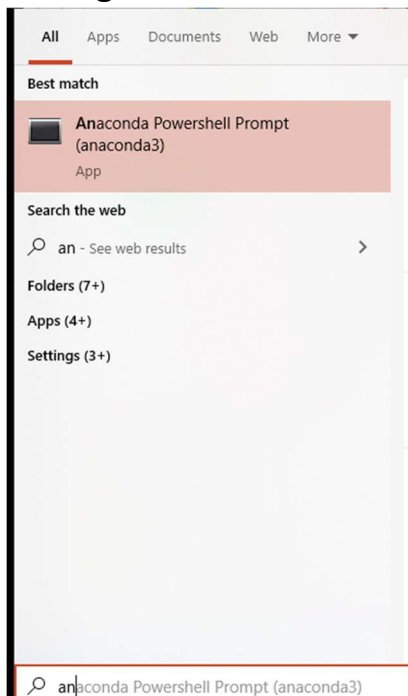
1. Cài đặt Conda

<https://www.anaconda.com/products/distribution> --> cài đặt conda

2. Tải file môi trường về ở đây:

<https://drive.google.com/file/d/1DQp7-gzgMxzjXTRd4kDrL2I2EpNQCDQg/view?usp=sharing>

3. Vào Anaconda Shell Prompt bằng tìm kiếm của windows/Mac cd đến đường dẫn file môi trường



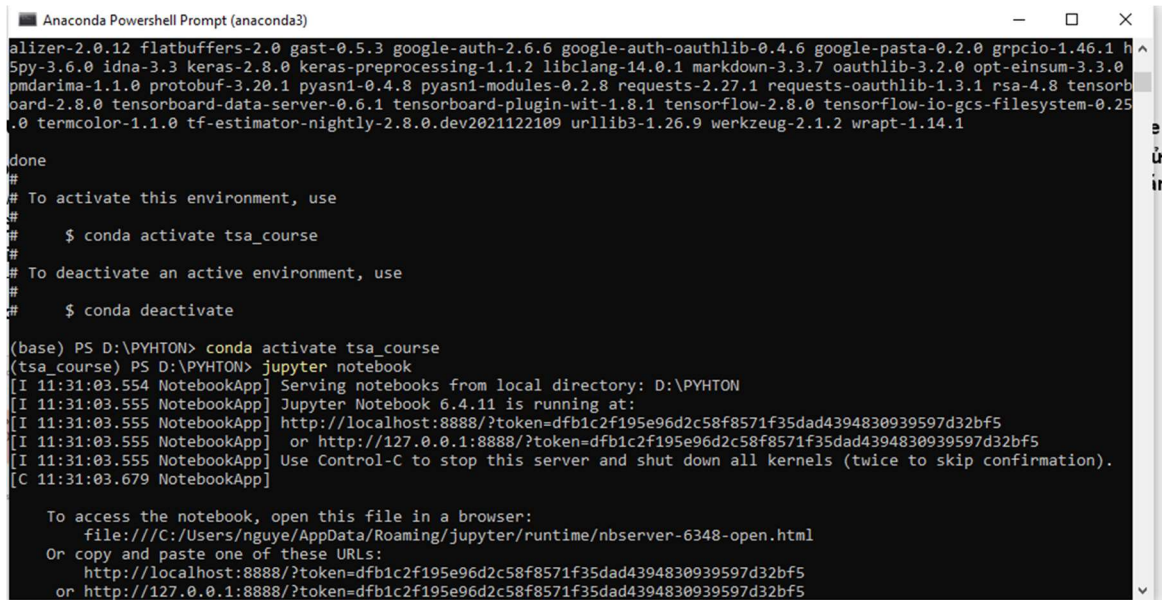
4. Vào đường dẫn chứa file yml

Gõ conda env create -f tsa_course_env.yml

```
(base) PS C:\Users\nguye> cd D:\PYTHON
(base) PS D:\PYTHON> conda env create -f tsa_course_env.yml
Collecting package metadata (repodata.json): done
Solving environment: done

Downloading and Extracting Packages
certifi-2021.10.8 | 152 KB | ##### | 100%
pyzmq-22.3.0 | 618 KB | ##### | 100%
markupsafe-2.0.1 | 24 KB | ##### | 100%
jsonschema-4.4.0 | 137 KB | ##### | 100%
matplotlib-3.0.2 | 4.8 MB | ##### | 100%
intel-openmp-2022.0 | 2.4 MB | ##### | 100%
lxml-4.3.0 | 1.0 MB | ##### | 100%
entrypoints-0.4 | 17 KB | ##### | 100%
mistune-0.8.4 | 55 KB | ##### | 100%
importlib-metadata-4 | 40 KB | ##### | 100%
pywinpty-2.0.2 | 202 KB | ##### | 100%
patsy-0.5.2 | 271 KB | ##### | 100%
pyqt-5.9.2 | 3.3 MB | ##### | 100%
python-3.7.2 | 14.5 MB | ##### | 100%
mkl-2020.2 | 109.3 MB | ##### | 100%
winertstore-0.2 | 15 KB | ##### | 100%
beautifulsoup4-4.6.3 | 145 KB | ##### | 100%
kiwisolver-1.3.2 | 56 KB | ##### | 100%
numpy-base-1.15.4 | 3.1 MB | ##### | 100%
et_xmlfile-1.1.0 | 10 KB | ##### | 100%
mkl_random-1.1.1 | 233 KB | ##### | 100%
terminado-0.13.1 | 31 KB | ##### | 100%
sip-4.19.13 | 260 KB | ##### | 100%
jinja2-3.0.3 | 106 KB | ##### | 100%
```

5. active môi trường tsa_course gõ conda activate tsa_course
(Nếu không muốn sử dụng nữa gõ **conda deactivate**)
6. Gõ jupyter notebook bằng anaconda thực hiện bình thường



```
Anaconda PowerShell Prompt (anaconda3)

alizer-2.0.12 flatbuffers-2.0 gast-0.5.3 google-auth-2.6.6 google-auth-oauthlib-0.4.6 google-pasta-0.2.0 grpcio-1.46.1 h
Spy-3.6.0 idna-3.3 keras-2.8.0 keras-preprocessing-1.1.2 libclang-14.0.1 markdown-3.3.7 oauthlib-3.2.0 opt-einsum-3.3.0
pmdarima-1.1.0 protobuf-3.20.1 pyasn1-0.4.8 pyasn1-modules-0.2.8 requests-2.27.1 requests-oauthlib-1.3.1 rsa-4.8 tensorb
oard-2.8.0 tensorboard-data-server-0.6.1 tensorboard-plugin-wit-1.8.1 tensorflow-2.8.0 tensorflow-io-gcs-filesystem-0.25
.0 termcolor-1.1.0 tf-estimator-nightly-2.8.0.dev2021122109 urllib3-1.26.9 werkzeug-2.1.2 wrapt-1.14.1

done
#
# To activate this environment, use
#
#     $ conda activate tsa_course
#
# To deactivate an active environment, use
#
#     $ conda deactivate

(base) PS D:\PYTHON> conda activate tsa_course
(tsa_course) PS D:\PYTHON> jupyter notebook
[I 11:31:03.554 NotebookApp] Serving notebooks from local directory: D:\PYTHON
[I 11:31:03.555 NotebookApp] Jupyter Notebook 6.4.11 is running at:
[I 11:31:03.555 NotebookApp] http://localhost:8888/?token=dfb1c2f195e96d2c58f8571f35dad4394830939597d32bf5
[I 11:31:03.555 NotebookApp] or http://127.0.0.1:8888/?token=dfb1c2f195e96d2c58f8571f35dad4394830939597d32bf5
[I 11:31:03.555 NotebookApp] Use Control-C to stop this server and shut down all kernels (twice to skip confirmation).
[C 11:31:03.679 NotebookApp]

To access the notebook, open this file in a browser:
    file:///C:/Users/nguye/AppData/Roaming/jupyter/runtime/nbserver-6348-open.html
Or copy and paste one of these URLs:
    http://localhost:8888/?token=dfb1c2f195e96d2c58f8571f35dad4394830939597d32bf5
    or http://127.0.0.1:8888/?token=dfb1c2f195e96d2c58f8571f35dad4394830939597d32bf5
```

Set Edit Variable Environment Conda

C:\Users\<Name>\Anaconda3\Scripts

C:\Users\<Name>\Anaconda3

C:\Users\<Name>\Anaconda3\Library\bin