INSTALL ANACONDA

Go to https://www.anaconda.com/distribution/
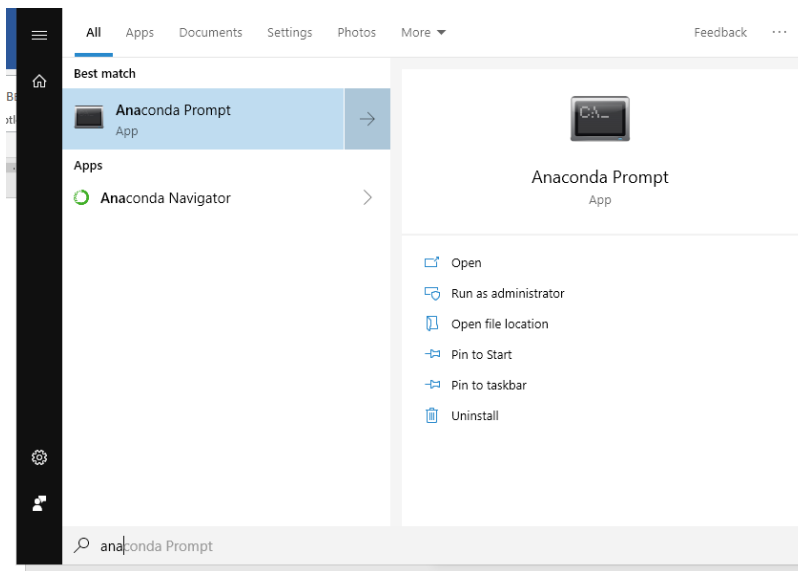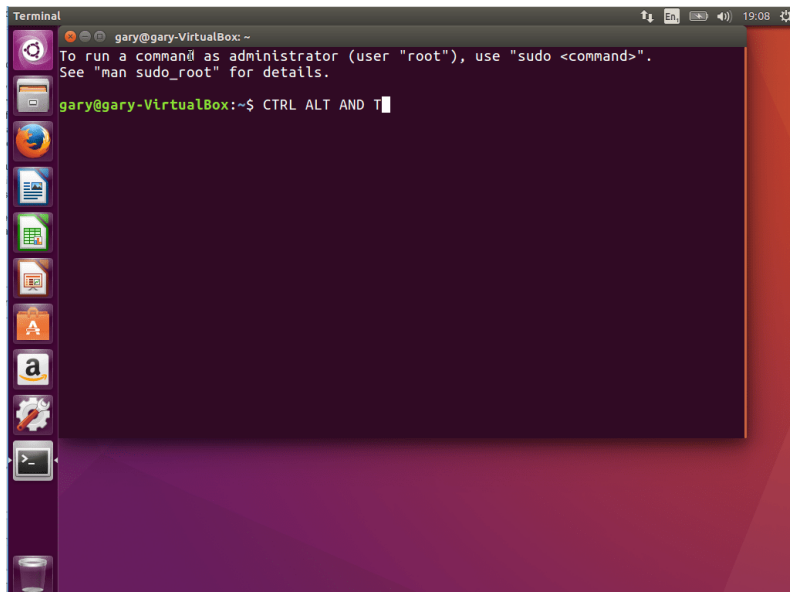
Download and Install 64bit Anaconda for your OS version (Windows, MacOS, or Linux)

OPEN ANACONDA AT YOUR LOCAL MACHINE

In windows

In MacOS or Linux

GET LATEST TESTING SCRIPTS AND FILES FROM GITHUB

[OPTION A]

1. INSTALL GIT ON YOUR MACHINE

Windows: https://git-scm.com/
MacOS: https://www.atlassian.com/git/tutorials/install-git

2. OPEN COMMAND PROMPT OR TERMINAL

3. GO TO A FOLDER (E.G., GITHUB) YOU WANT TO STORE THE FILES FROM GITHUB

In Windows

```
> cd c:\github\
```

In MacOS or Linux

```
> cd /home/yourname/github
```

4. THEN YOU CAN RUN

```
> git clone https://github.com/RyanLHU/MacauAIChallenge2019
```

5. THEN YOU CAN RUN

All files will be kept in c:\github\MacauAIChallenge2019 (Windows) or
/home/yourname/github/MacauAIChallenge2019 (MacOS or Linux)

[OPTION B] DOWNLOAD THE FILES DIRECTLY FROM GITHUB

Click on the "Clone or download" button, a zipped file will be stored in your computer. Unzip it into a folder you like (e.g., `c:\github` or `/home/yourname/github`).

TESTING YOUR TRAINED MODEL

SETUP ANACONDA ENVIRONMENT
- "TEST" IS THE NAME OF THE ENVIRONMENT, FEEL FREE TO UPDATE IT

```
> conda create -n test python scikit-learn tensorflow keras pandas
numpy
```

```
> conda activate test
```

```
> pip install opencv-python
```

```
> pip install pillow
```

GO TO THE FOLDER YOU STORE THE FILES FROM GITHUB, E.G.,

```
> cd c:\github\MacauAIChallenge2019\workshop02\session4
```

UNZIP "EVAL_RANDOM.ZIP", "TEST_EVAL.ZIP", AND "DATASET.ZIP" INTO THE SAME FOLDER

You should see **the following files** in your folder

```
img\
signs\
result.csv
eval.py
test_eval.py
```

RUN THE TEXT_EVAL.PY TO GET THE TESTING RESULT

```
> python test_eval.py
```

```
NameError: name 'Image' is not defined

(test) D:\Dropbox\UMAC\AI workshops\session4>python test_eval.py
The accuracy is 1.62%

(test) D:\Dropbox\UMAC\AI workshops\session4>
```
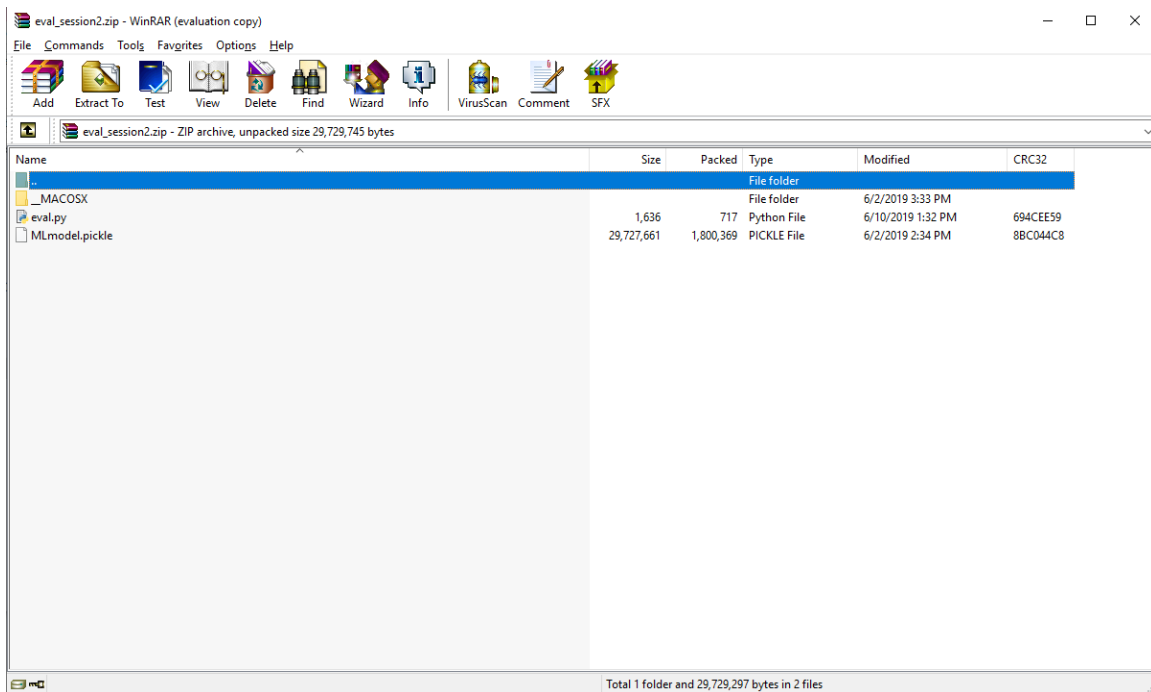
MORE NOTES

- You can try other evaluation scripts (e.g., eval_session2.zip or eval_session3.zip) by unpacking them into the same folder.
- For eval_session3.zip, you need to download the model file (sign.h5) from Dropbox and put the file into the same folder.

SUBMITTING YOUR EVALUATION SCRIPT

SIMPLY PACK YOUR "EVAL.PY" AND MODEL FILES (E.G., MLMODEL.PICKLE) INTO A ZIP FILE (E.G., EVAL_IAMHEHE.ZIP).

- Upload the zip file into the evaluation platform
- Note that all files should be put in one zip file without any folder(s)

LOGIN TO THE EVAL AI SYSTEM

1) Login to Eval AI System: http://47.244.204.238:8888/

EvalΔI

Evaluating state of the art in AI!

Log In   Sign Up

Username*   👤

_____

Password (min 8 characters) *   👁

_____

Log In   Forgot Password or Username?

2) Select a Challenge to Join

EvalΔI   All Challenges   Forum
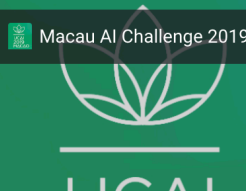

Ongoing Challenges

📊 Dashboard

🔥 All Challenges

📁 Hosted Challenges

✈ Create Challenge

👥 Participant Teams

Macau AI Challenge 2019

UCAI

Organized by
UMAIChallenge2019

Starts on
Jan 1, 2019 8:00:00 AM CST

Ends on
Jun 1, 2099 7:59:59 AM CST

View Details

Christine Challenge

Organized by
South Renee Host Team

Starts on
Feb 21, 2019 12:15:22 AM CST

Ends on
Oct 13, 2020 12:15:22 AM CST

View Details

3) **Participate** and **Submit**

EvalΔI   All Challenges   Forum   Hi team2

Macau AI Challenge 2019
Organized by: UMAIChallenge2019

ⓘ Overview |ᕼ Evaluation   ⤒ Phases   (⬆) Participate   ⬆ Submit   👁 My Submissions   ☰ Leaderboard

You have already participated in the challenge with a team!

EvalΔI   All Challenges   Forum

ⓘ Overview |ᕼ Evaluation   ⤒ Phases   (⬆) Participate   ⬆ Submit

Submission Guidelines

Submit any blank file here to see a random number generated for your submission. If y

Please fill the following fields to submit

Select phase:

○ Phase: dev Phase
Start date: Jan 19, 2019 8:00:00 AM CST
End date: Apr 26, 2099 7:59:59 AM CST

○ Phase: Test Phase
Start date: Jan 1, 2019 8:00:00 AM CST
End date: May 25, 2099 7:59:59 AM CST

Upload file

4) Check your submission result at "**My Submissions**"