

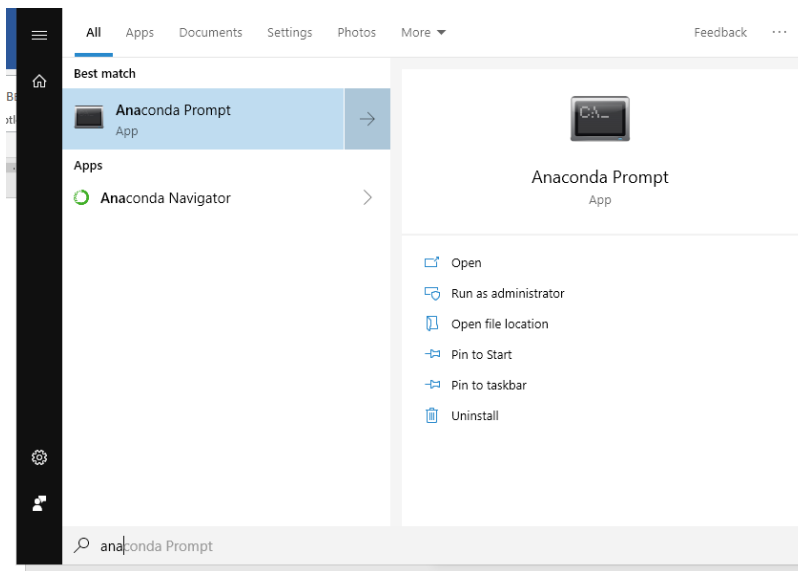
INSTALL ANACONDA

Go to <https://www.anaconda.com/distribution/>

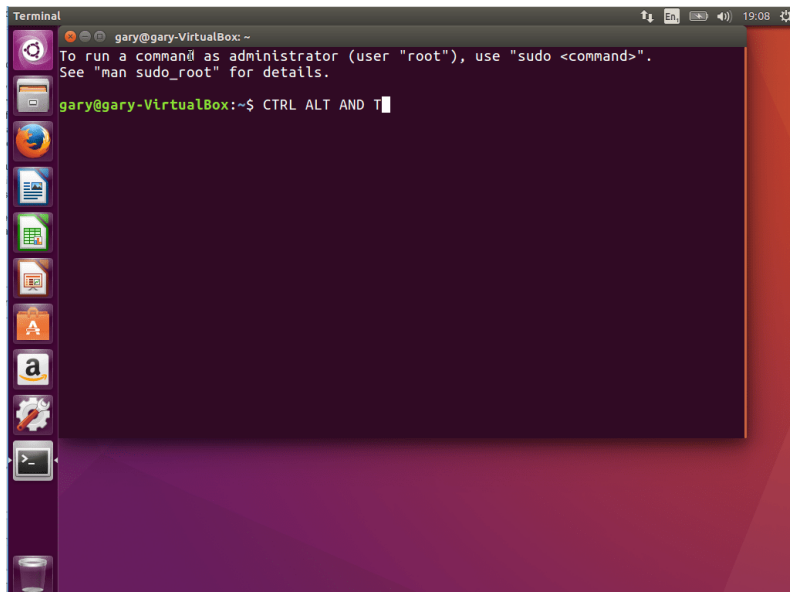
Download and Install 64bit Anaconda for your OS version (Windows, MacOS, or Linux)

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`).

The screenshot shows the GitHub repository page for **RyanLHU / MacauAIChallenge2019**. The repository has 1 Unwatch, 4 Stars, and 7 Forks. The main navigation bar includes links for Code, Issues (0), Pull requests (0), Projects (0), Wiki, Security, Insights, and Settings. The repository description is "Macau AI Challenge 2019 - co-located with IJCAI 2019". Below this, it shows 24 commits, 1 branch, 0 releases, and 2 contributors. A red box highlights the "Clone or download" button. Below the button, there is a table of files and their commit history.

| File | Commit | Time |
|------------------|-------------------------|--------------|
| workshop01 | test | 8 days ago |
| workshop02 | update session4 | 6 days ago |
| .DS_Store | update session4 | 6 days ago |
| Online resources | Update Online resources | 6 months ago |

At the bottom, there is a prompt to "Add a README" to help people understand the project.

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 TEST_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>
```

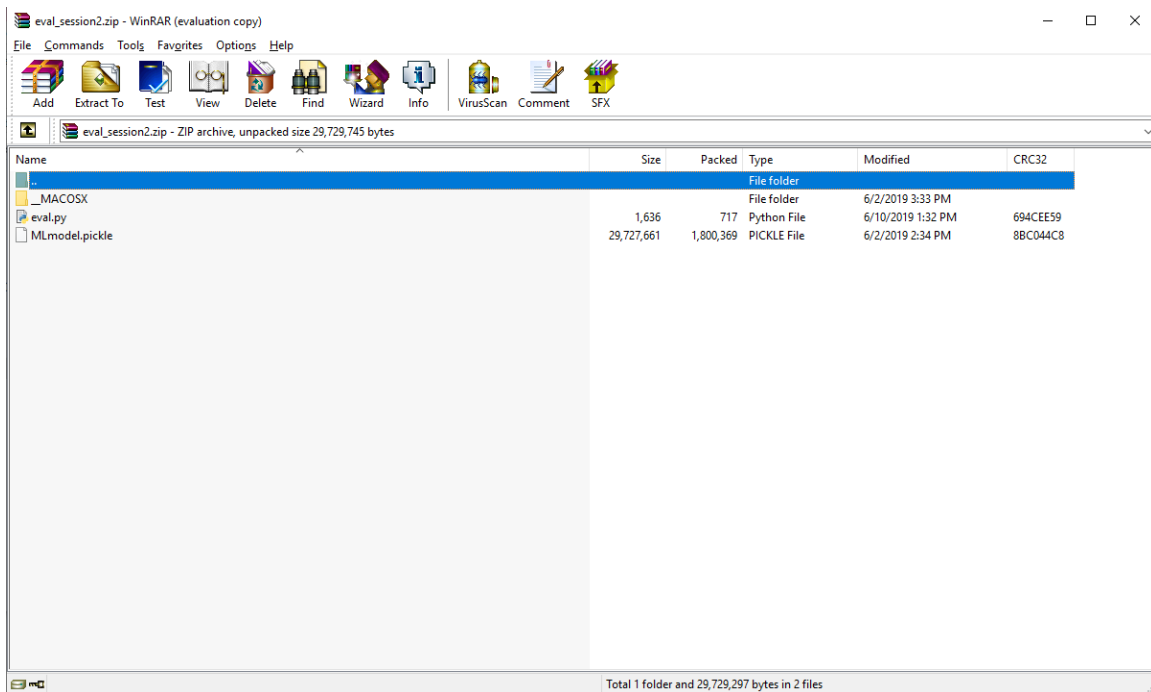
MORE NOTES

- 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/>

EvalAI

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


EvalAI


[All Challenges](#)


[Forum](#)


Dashboard

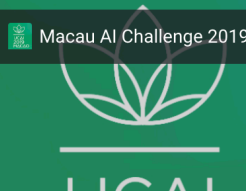

All Challenges


Hosted Challenges


Create Challenge


Participant Teams

Ongoing Challenges



Macau AI Challenge 2019

Organized by
UMAChallenge2019

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

Ends on
Jun 1, 2019 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

EvalAI

All Challenges

Forum

Hi team2!

Dashboard

All Challenges

Hosted Challenges

Create Challenge

IJCAI
2019
MACAO

Macau AI Challenge 2019

Organized by: UMAIChallenge2019

Overview

Evaluation

Phases

Participate

Submit

My Submissions

Leaderboard

You have already participated in the challenge with a team!

EvalAI

All Challenges

Forum

Overview

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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”

EvalAI

All ChallengesForum

Hi team29Logout

Dashboard

All Challenges

Hosted Challenges

Create Challenge

Participant Teams

Host Teams

OverviewEvaluationPhasesParticipateSubmitMy SubmissionsLeaderboard

Please select a phase to get list of submissions!

Test Phase

FileDownloadTotal Submissions Done: 11

| Team Name | Method Name | Method Description | Project Url | Publication Url | Status | Execution Time (sec.) | Submitted File | Result File |
|-----------|-------------|--------------------|-------------|-----------------|----------|-----------------------|----------------------|----------------------|
| team29 | None | None | None | None | Finished | 11.360067 | Link | Link |
| team29 | None | None | None | None | Finished | 14.069107 | Link | Link |
| team29 | None | None | None | None | Finished | 2.049086 | Link | Link |
| team29 | None | None | None | None | Failed | 0.000000 | Link | Link |