

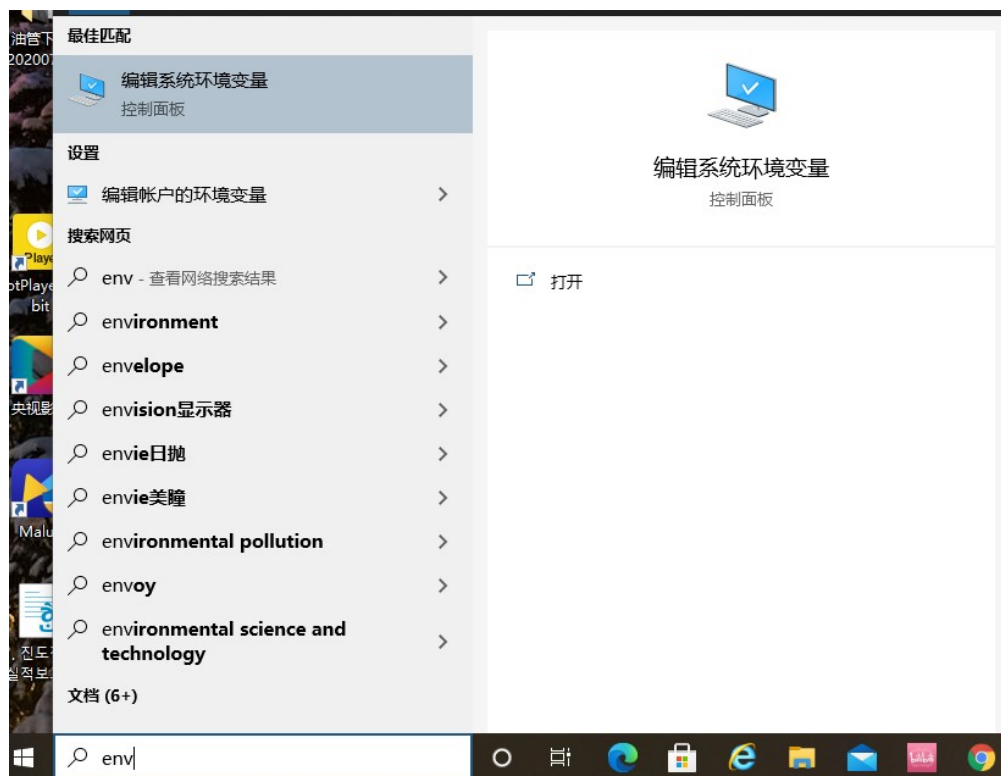
# Upload Kaggle Material (上传kaggle结果)

## 1. Download and Install Git (下载和安装Git)

1. 1. Git download link (下载链接并按照提示安装): <https://git-scm.com/>

### 1. 2. Add Git to System Environment Variables (配置git环境变量)

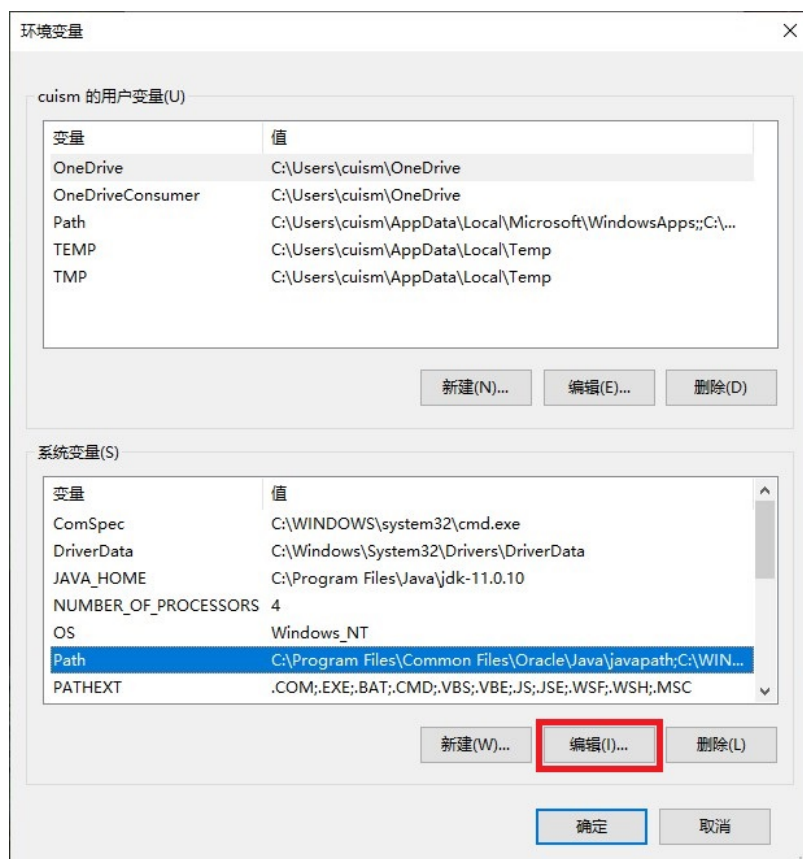
1. 2. 1. Search "env " at task bar (在win10搜索框搜索关键字“env”或者“环境变量”)



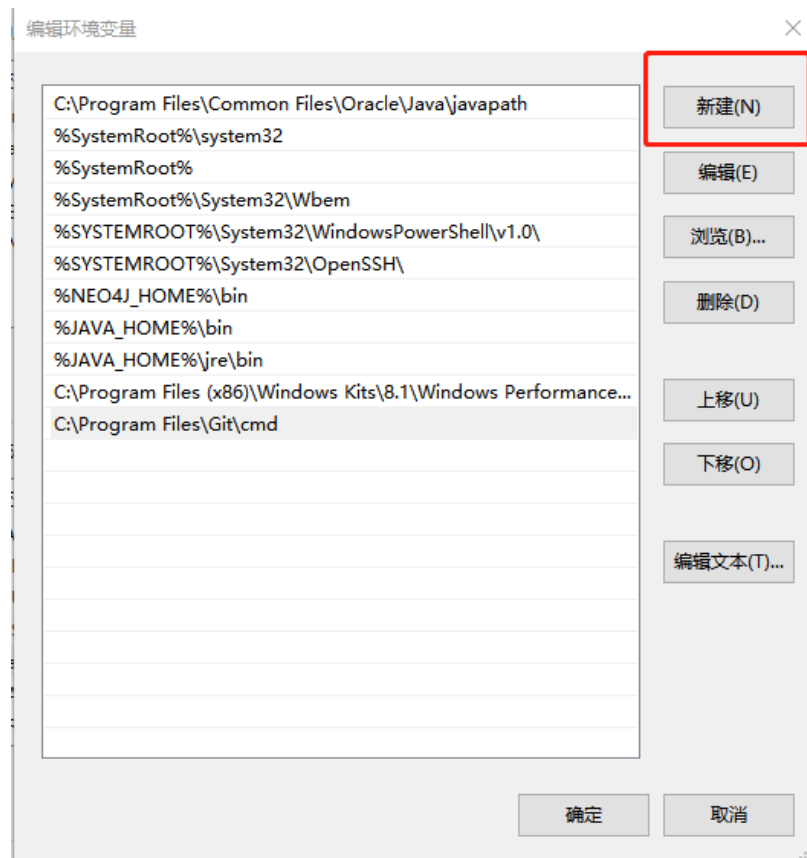
1. 2. 2. click Environment Variables button (点击环境变量按钮)



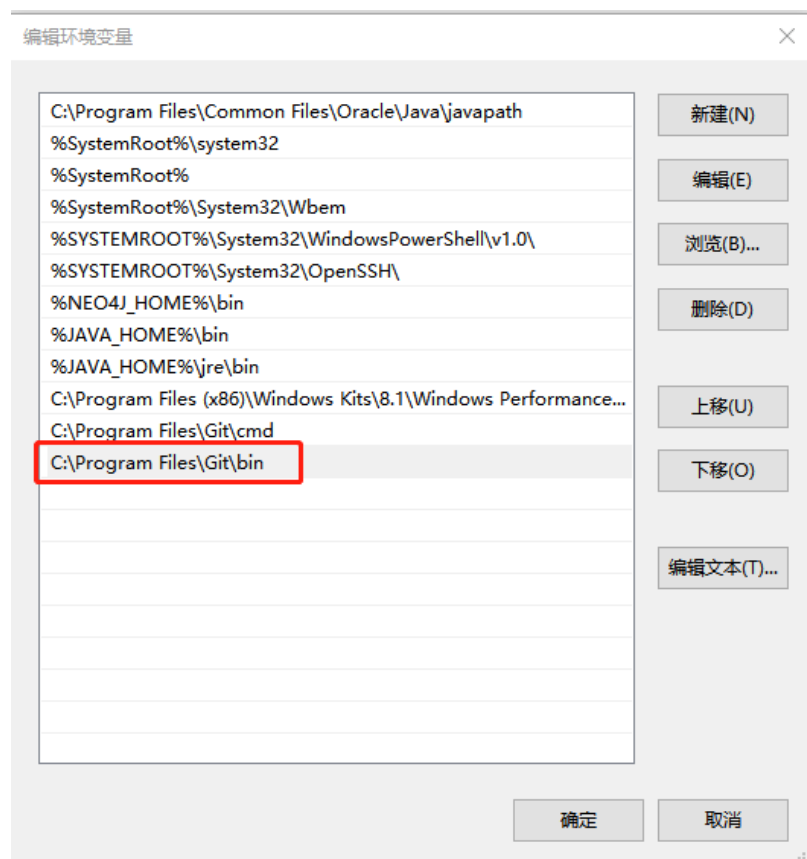
1. 2. 3. click Path and edit (点系统变量中的Path然后点击编辑)



#### 1. 2. 4. click new (点新建，添加路径)



#### 1. 2. 5. add Git path (添加bin路径， 根据自己安装的路径进行添加， 然后点击确定)



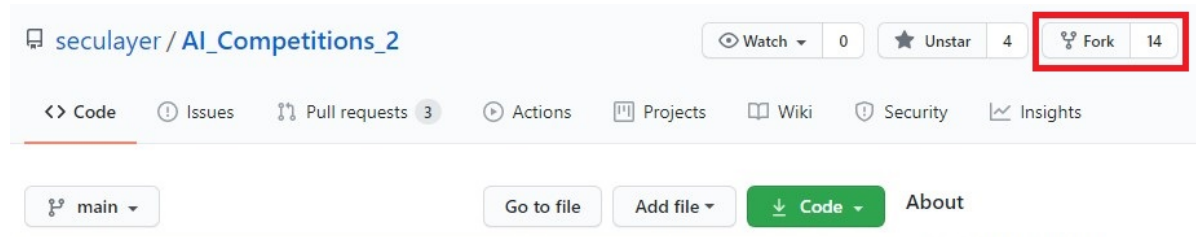
## 2. Sign up GitHub (注册GitHub账号)

2. 1. GitHub link (链接): <https://github.com/>

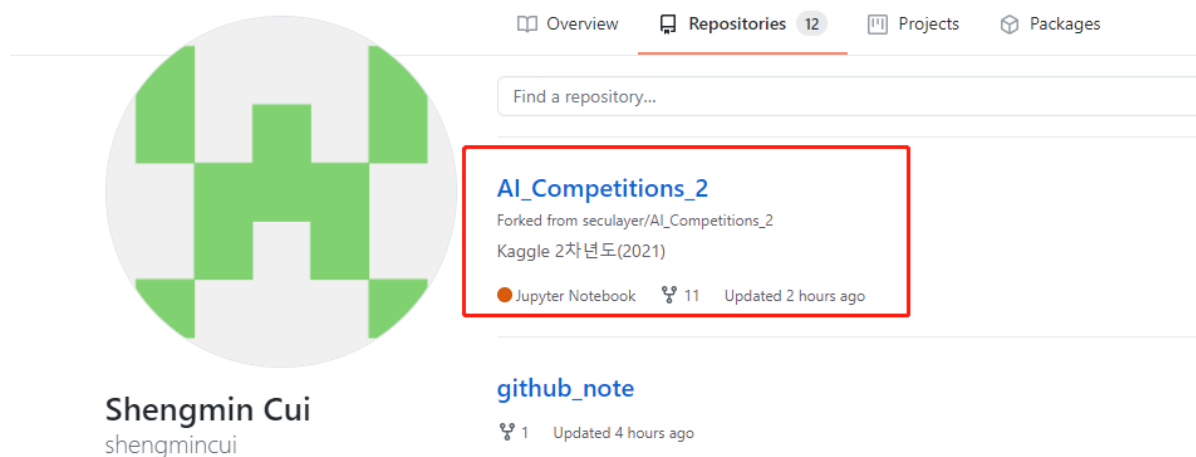
### 3. Fork the Project (从源项目派生一个完全属于自己的项目副本)

3. 1. open link (用浏览器打开源项目链接): <https://github.com/seculayer/AutoAPE-challenge4.git>

3. 2. click Fork button (点击Fork按钮):



3. 3. After Fork, enter your github page, as shown in the figure, the AI\_Competitions\_2 project appears in your repositories (Fork之后会进入自己的github仓库，如图，自己的仓库中出现了AI\_Competitions\_2的项目)



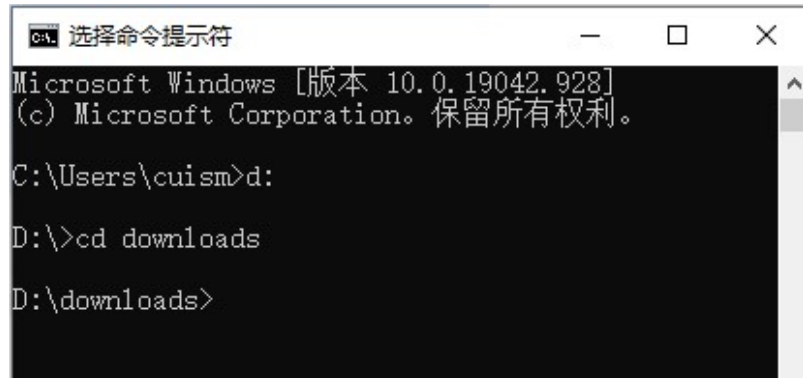
### 4. Clone the Project (将派生的项目克隆到本地)

4. 1. open cmd or terminal (打开命令提示符(windows)或者终端(mac or linux))

## 4. 2. choose your dir to download the project (选择下载项目的路径)

```
cd yourdir
```

e.g. (例子)

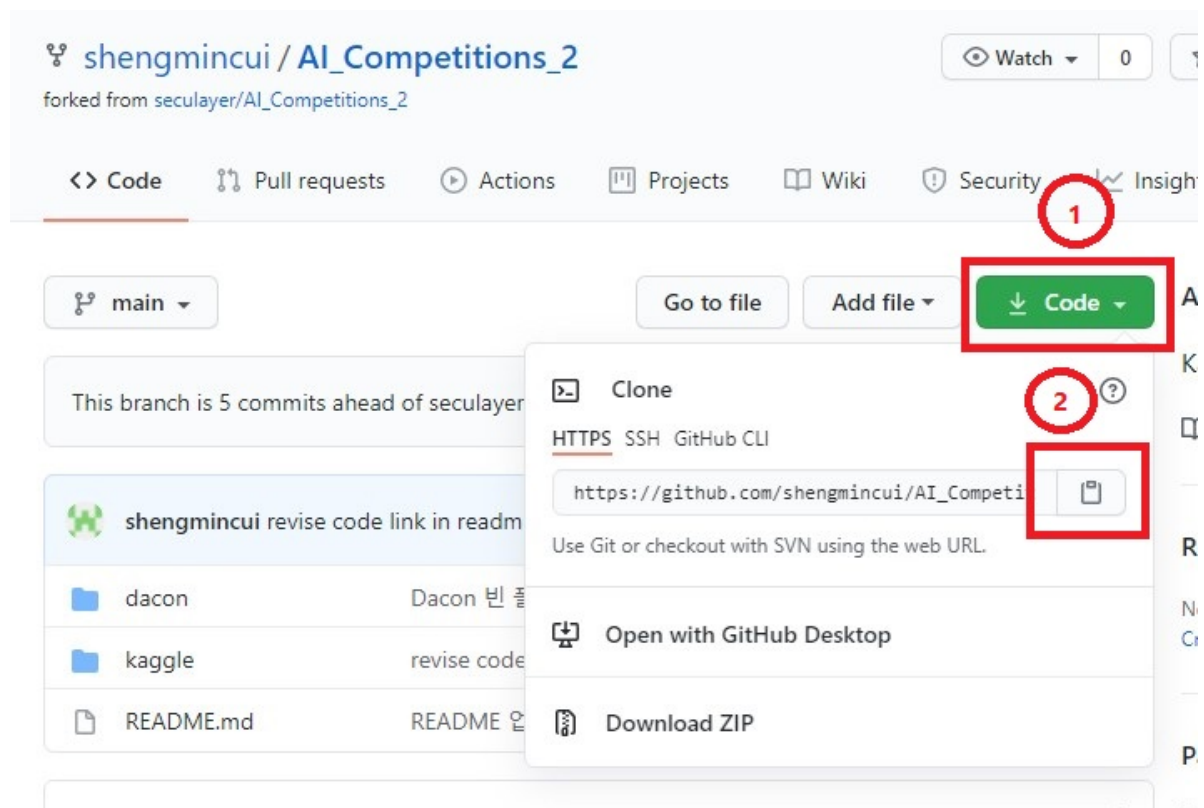


```
选择命令提示符
Microsoft Windows [版本 10.0.19042.928]
(c) Microsoft Corporation。保留所有权利。

C:\Users\cuism>d:
D:\>cd downloads
D:\downloads>
```

## 4. 3. download the forked project (下载项目，链接如图所示，用浏览器打开自己的GitHub页面并选择派生的项目，然后点击Code按钮可以获得派生项目的URL，然后在cmd或者终端输入下面的命令)

```
git clone URL(of your forked project)
```



e.g. (例子)

```
Microsoft Windows [版本 10.0.19042.928]
(c) Microsoft Corporation。保留所有权利。

C:\Users\cuism>d:

D:\>cd downloads

D:\downloads>git clone https://github.com/shengmincui/AI_Competitions_2.git
Cloning into 'AI_Competitions_2'...
remote: Enumerating objects: 611, done.
remote: Counting objects: 100% (354/354), done.
remote: Compressing objects: 100% (334/334), done.
Receie: Total 611 (delta 182), reused 32 (delta 9), pack-reused 257 eceiving objects: 68% (416/611)
Receiving objects: 100% (611/611), 4.37 MiB | 12.14 MiB/s, done.
Resolving deltas: 100% (228/228), done.
```

将这个链接换成你自己的，链接获得方式如上图所示

**4. 4. You can see that the AI\_Competitions\_2 folder has been downloaded to the local (AI\_Competitions\_2文件夹已经成功下载到本地)**

此电脑 > 本地磁盘 (D:) > downloads > AI\_Competitions\_2 >

名称	修改日期	类型	大小
.git	2021/4/28 2:20	文件夹	
dacon	2021/4/28 2:20	文件夹	
kaggle	2021/4/28 2:20	文件夹	
README	2021/4/28 2:20	Markdown File	2 KB

## 5. Prepare your kaggle files

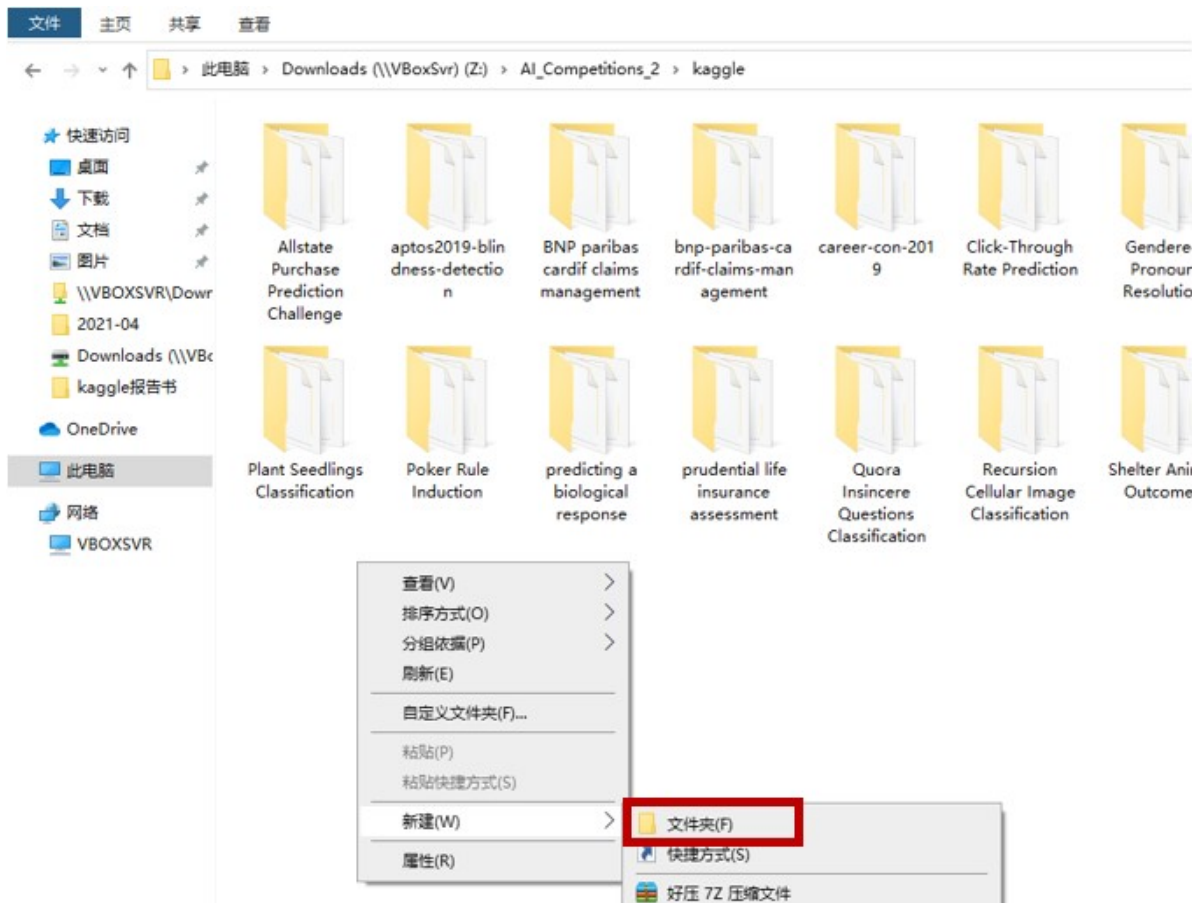
The structure of the Kaggle folder is as follows (kaggle文件夹的结构如下):

```
kaggle/
├── titanic/ # 예시 대회
│   ├── metadata.yaml
│   ├── README.md
│   └── *
└── {kaggle-competition-id}/
    ├── metadata.yaml
    ├── README.md
    └── *
```

**5. 1. Create a new folder in the local "AI\_Competitions\_2/kaggle" folder, and use the Kaggle subject ID as the folder name (在本地 "AI\_Competitions\_2/kaggle" 文件夹里面新建文件夹，并以 Kaggle subject 的 ID 作为文件夹名)**



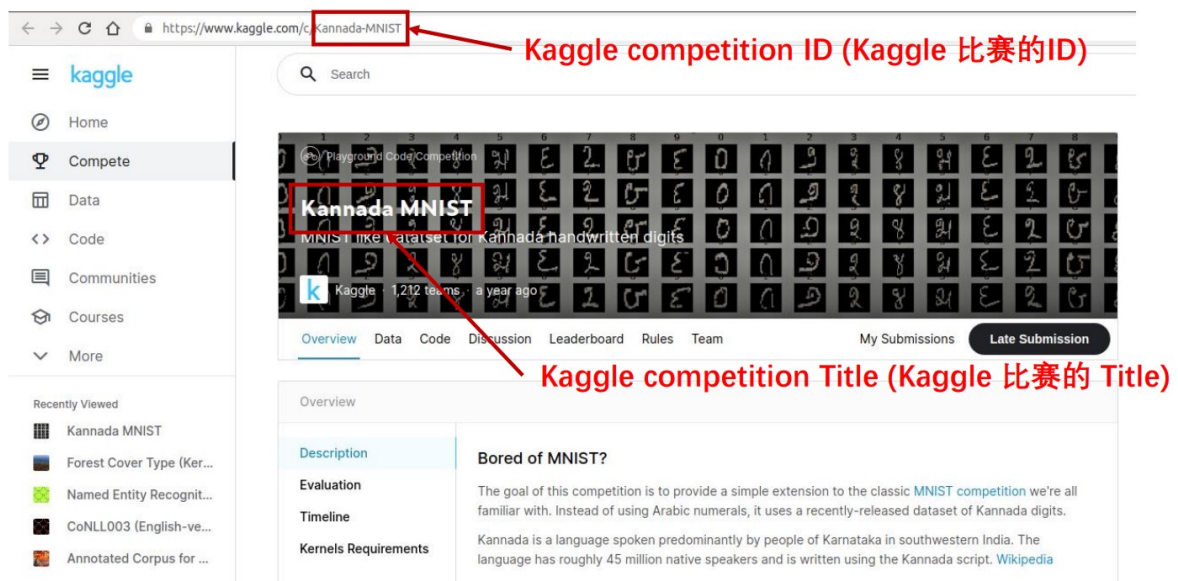
### 5. 1. 1. Create new folder (新建文件夹)



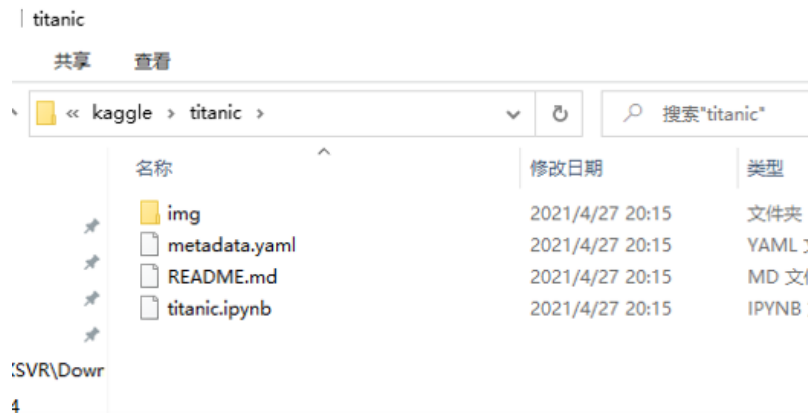
### 5. 1. 2. Get the ID of the kaggle subject (获取kaggle比赛项目的ID)

The kaggle competition ID can be obtained from the competition URL.

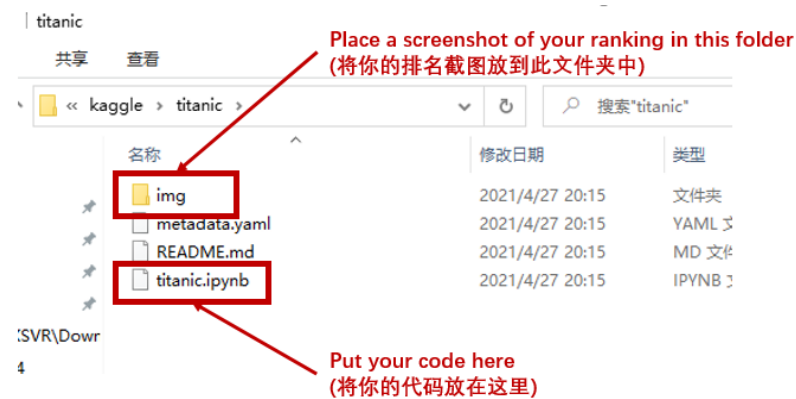
e.g. If the URL of the competition is <https://www.kaggle.com/c/Kannada-MNIST>, the ID is Kannada-MNIST



## 5. 2. Prepare your files (准备你的文件，所需文件如下图所示)

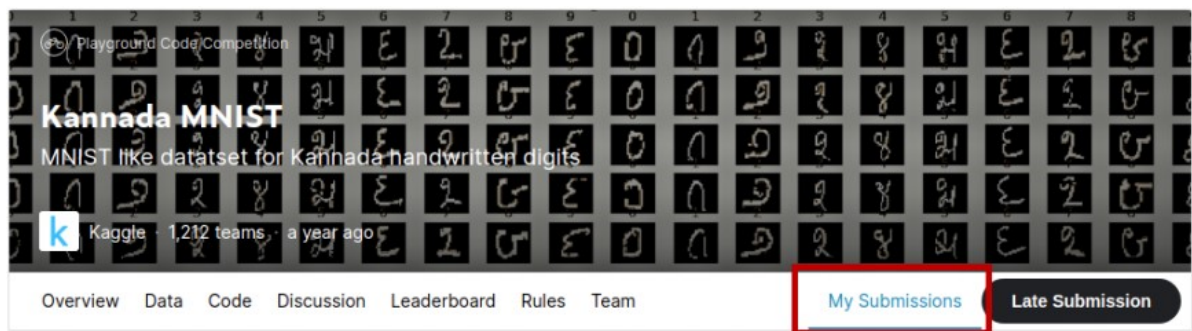


### 5. 2. 1. Prepare your screenshot and code (准备你的排名截图和代码)



If you choose a completed competition, you need a screenshot of your private score and a screenshot of the ranking near your score in the leaderboard. (如果你选择的是completed的比赛，则需要你的private分数的截图和leaderboard里你的得分附近的排名的截图)





You may select up to 2 submissions to be used to count towards your final leaderboard score. If 2 submissions are not selected, they will be automatically chosen based on your best submission scores on the public leaderboard. In the event that automatic selection is not suitable, manual selection instructions will be provided in the competition rules or by official forum announcement.

Your final score may not be based on the same exact subset of data as the public leaderboard, but rather a different private data subset of your full submission — your public score is only a rough indication of what your final score is.

You should thus choose submissions that will most likely be best overall, and not necessarily on the public subset.

21 submissions for [ShengminCui](#) Sort by Private Score

Submission and Description	Status	Private Score	Public Score	Use for Final Score
<b>cnn model 2</b> (version 1/1) a year ago by <a href="#">ShengminCui</a> From Kernel [cnn model 2]	Succeeded	0.99160	0.98980	<input type="checkbox"/>

12	▼ 8	MichaelP		0.99180	109	1y
13	▼ 4	Shimizu Kanta		0.99180	58	1y
14	▲ 15	JIAJING		0.99160	22	2y
15	▲ 26	sjsjs		0.99160	2	2y
16	▲ 35	Hecham		0.99160	25	1y

If you choose an active competition, you only need a screenshot of your private leaderboard ranking. (如果你选择的是active的比赛，则只需要你的private leaderboard排名的截图)

1099	▲ 1614	Michael Kazachok		0.75718	2	1y
1100	▲ 1000	ShengminCui		0.75719	2	10mo
1101	▲ 95	TianBaojie_STU		0.75719	6	10mo

5. 2. 2. Edit "metadata.yaml" file (编辑metadata.yaml文件，可以从titanic文件夹里复制过来进行修改)

```
metadata.yaml - 记事本
文件(F) 编辑(E) 格式(O) 查看(V) 帮助(H)
id: titanic      Kaggle competition ID (Kaggle比赛ID)
title: Titanic - Machine Learning from Disaster      Kaggle title (Kaggle比赛名称)
score: 0.75837    Kaggle score (Kaggle比赛分数)
team: 20435       Number of teams participating the competition(参加比赛的队伍数量)
rank: 17144       Rank (排名)
date: 2021-02-18  Date of submitting result (提交结果的日期)
organization: SecuLayer      Hanyang University
author:
  id: development  Your Kaggle ID (你的Kaggle ID)
  name: 이원준      Your Name (你的名字)
```

### 5. 2. 3. Edit "README.me" file (编辑README.me文件, 使用markdown语言, 建议使用typora进行编辑)

```
README.md - Typora
文件(F) 编辑(E) 段落(P) 格式(O) 视图(V) 主题(T) 帮助(H)

1  # Titanic - Machine Learning from Disaster
   ## 결과
   ### 요약정보
   - 도전기관 : 시큐레이어      Organization:한양대학교      Kaggle subject title
   - 도전자 : 이원준            Your Name (你的名字)          (kaggle比赛的title)
   - 최종스코어 : 0.75837       Score (分数)
7  - 제출일자 : 2021-02-18      Date of submitting result (提交结果的日期)
   - 총 참여 팀 수 : 20435      Number of teams participating in the competition (参加比赛的队伍数量)
   - 순위 및 비율 : 17144(80.09%) Rank and proportion (排名与比例)
10 ### 결과화면
    ![leaderboard](./img/leaderboard.png) Screenshot of the competition results (比赛结果的截图)
   ## 사용한 방법 & 알고리즘
    간단한 뉴럴 네트워크 모델을 사용했습니다.
    - 결측값 채우기
    - Feature engineering
      - Feature selection
      - Full connected neural network
      - 16 nodes
      - 8 nodes
20  - 1 output
   ## 코드
22 [../titanic.ipynb](./titanic.ipynb) Hyperlinks to the code (代码的超链接)
   ## 참고 자료
      | Hyperlinks to reference materials
      | (参考资料的超链接)
25 - [Basic Feature Engineering with the Titanic Data]
    (https://triangleinequality.wordpress.com/2013/09/08/basic-feature-engineering-with-the-titanic-data/)
```

Note:

1. The syntax for adding an image is (在README.md里添加图片的语法是):

```

```

2. The syntax for adding a hyperlink is (在README.md里添加超链接的语法是):

```
.[](./yourcodename)
```

## 6. Submit Your Files (提交你的文件)

### 6. 1. Open cmd or terminal and enter the AI\_Competitions\_2 folder (进入终端，进入到AI\_Competitions\_2路径)

```
Microsoft Windows [Version 10.0.18363.1500]
(c) 2019 Microsoft Corporation. All rights reserved.

C:\Users\We>cd AI_Competitions_2

C:\Users\We\AI_Competitions_2>
```

### 6. 2. Setup your identity (设置你的身份)

```
git config --global user.name "your GitHub name"
git config --global user.email "your GitHub email"
```

### 6. 3. Adding files to the repository (将文件添加到版本库中)

```
git add .
```

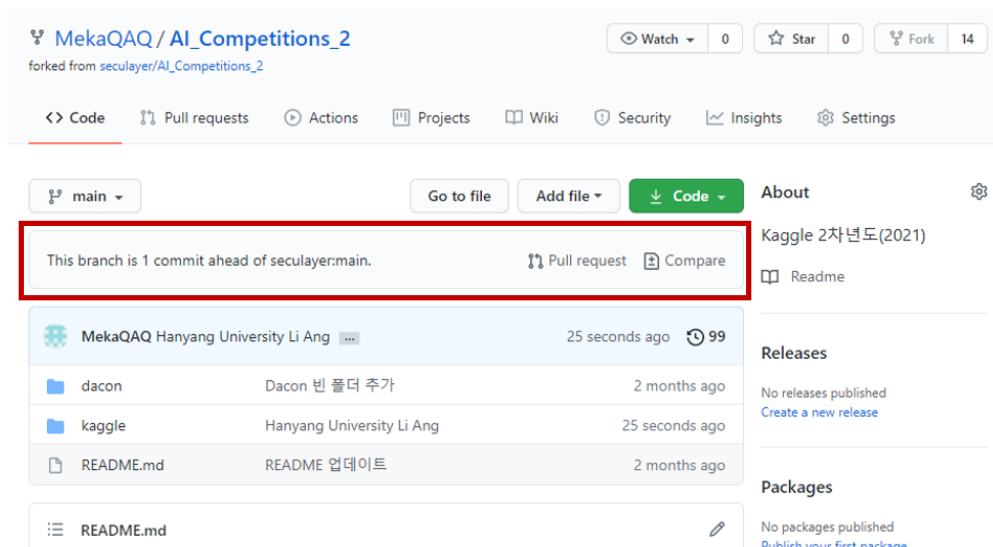
### 6. 4. commit (提交改变)

```
git commit -m "Hanyang University Your Name"
```

### 6. 5. Push your commit to your GitHub fork (将提交的改变推送到自己forked的GitHub的副本中)

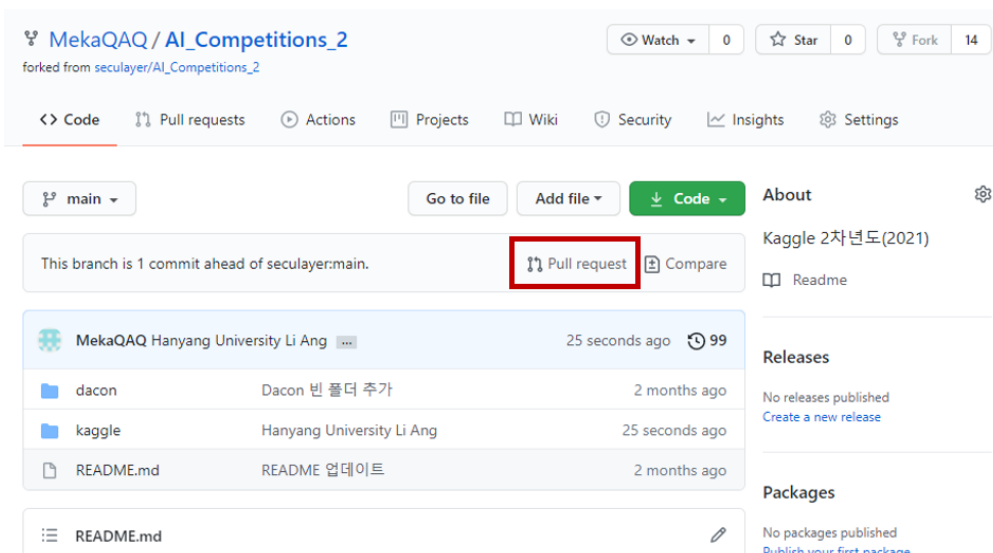
```
git push origin main
```

### 6. 6. Open your GitHub web page and you will see the changes you created (用浏览器打开你的github页面，会看到你修改的内容)

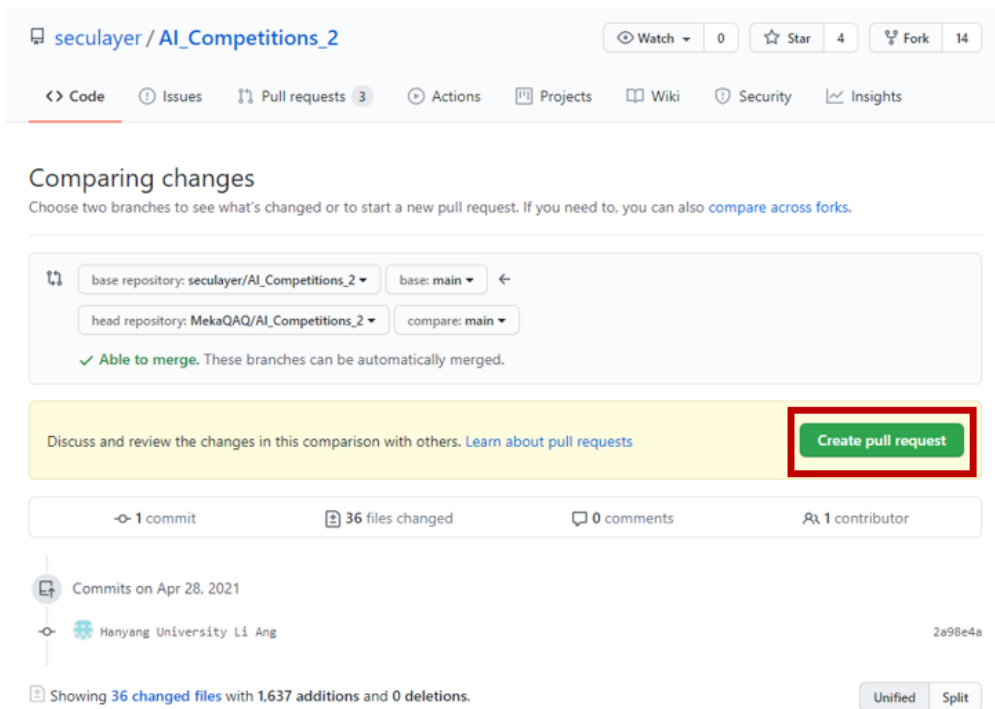


## 7. Pull Request

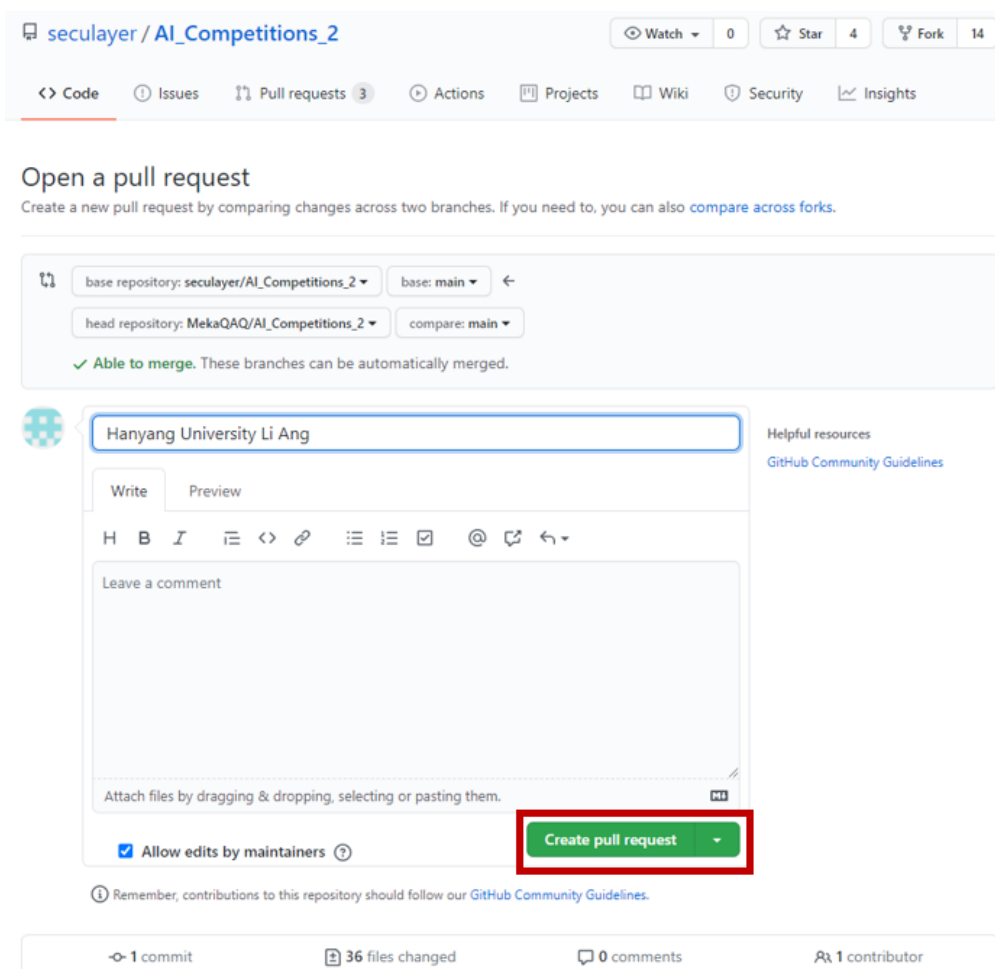
7. 1. click Pull request button (点击Pull request 按钮，如下图所示)



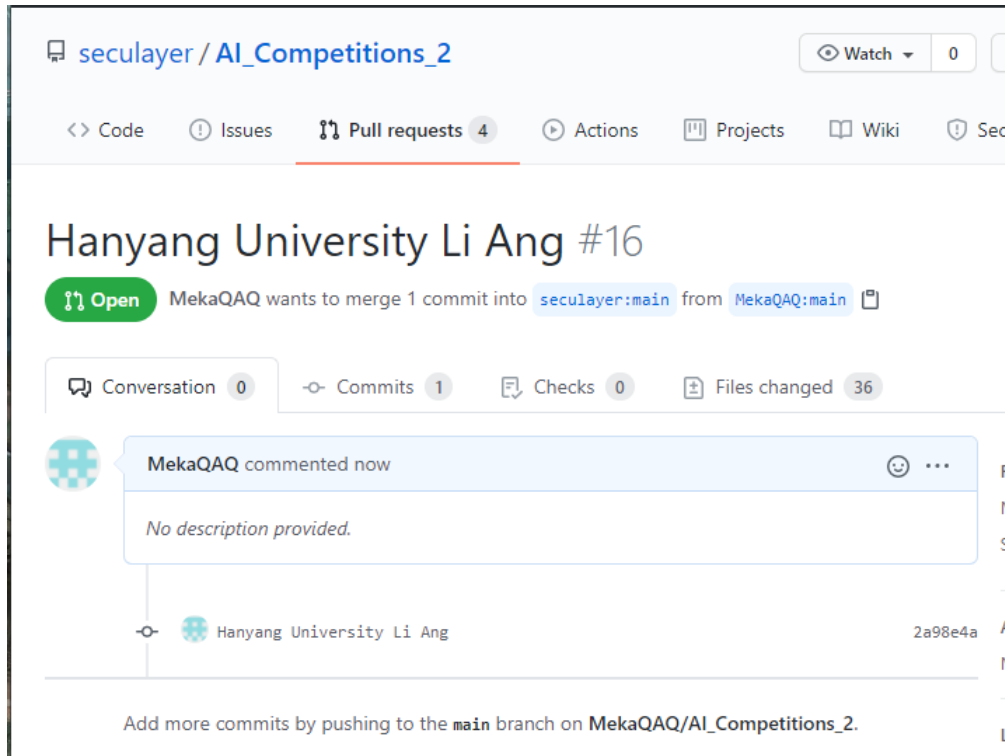
7. 2. click Create pull request button (点击Create pull request 按钮，如下图所示)



### 7. 3. continue to click Create pull request button (继续点击 Create pull request 按钮，如下图所示)



**7. 4. Finally, seeing this page means that the pull request was successful (最后，看见这个页面说明pull request成功了)**



**8. If this is not your first commit, update from Forked Project first (如果不是第一次提交结果，首先更新你派生的仓库)**

**8. 1. Open cmd or terminal and enter the AI\_Competitions\_2 folder (进入终端，进入到AI\_Competitions\_2路径)**

```
Microsoft Windows [Version 10.0.18363.1500]
(c) 2019 Microsoft Corporation. All rights reserved.

C:\Users\We>cd AI_Competitions_2
C:\Users\We\AI_Competitions_2>
```

**8. 2. Fetch changes from forked project and merge them into your branch (从源仓库获取更新改并且合并到你的本地仓库)**

```
git pull https://github.com/seculayer/AI_Competitions_2.git
```

**8. 3. Repeat steps 5 to 7 (重复第五章到第七章的步骤)**

## Reference (参考)

[Seculayer AI competitions\\_2](#)

[Progit section 6.2 contributing to a Project \(English\)](#)

[Progit section 6.2 contributing to a Project \(Chinese\)](#)

