Machine Learning

General Tutorial

MLTAs
ntumlta2019@gmail.com

Outline

- Github Setup
- OS rules
- Virtual Environment

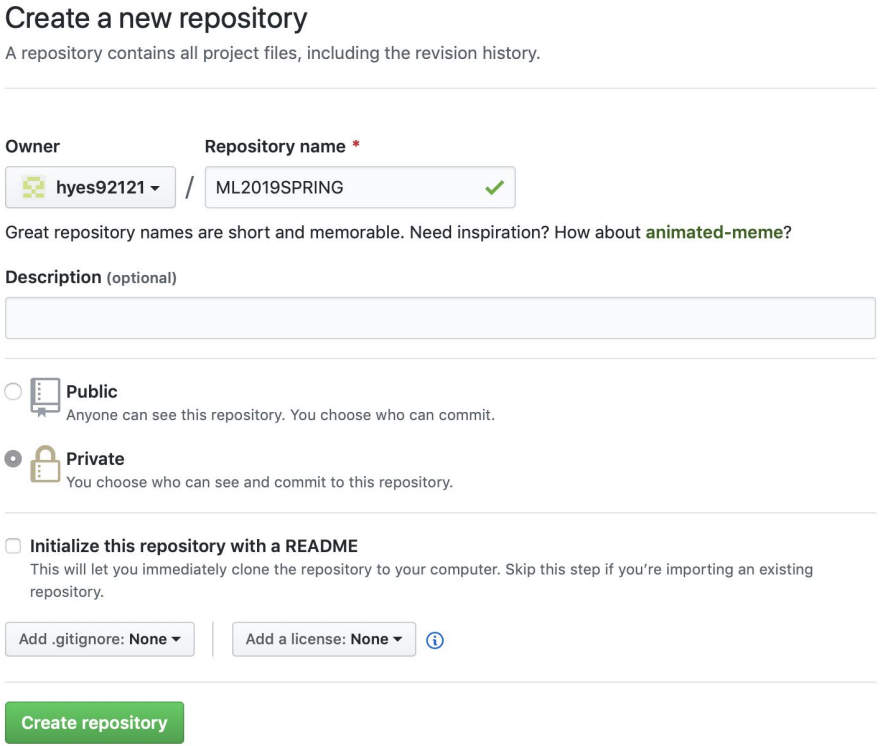
Github Setup

- Github Sign Up
  - 請使用ntu信箱辦理帳號 [link]
    - 申請Github Education較方便(才能免費使用 private功能)
    - 日後還可以綁定其他常用信箱
  - 請使用此帳號申請學生版附加功能 [link]
    - 點選右上角 Join Github Education
    - 勾選 Student/Individual account
    - 勾選 ntu 信箱
    - 在How do you plan to use Github? 填寫 “For NTU Machine Learning Lecture”
    - 點選 Submit Request (通常需要一到三天時間)

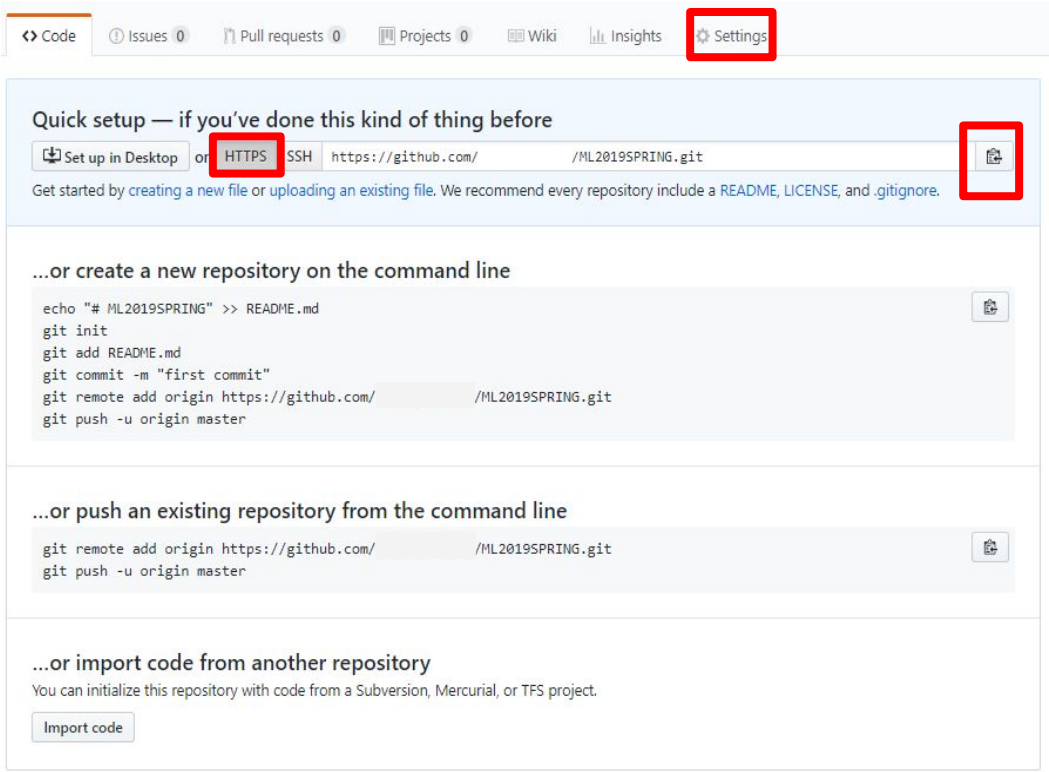
Github Setup

- New Repository
  - 請將repo命名為**ML2019SPRING**
  - 請將權限設定為 **private**
  - 若命名或者權限有任何問題將可能導致作業 0分，請務必注意
- Add Collaborator
  - 請將助教帳號加入該 repo 的 collaborator
  - 助教帳號為：**ntumlta2019**
- Fill the Repo Form
  - 請在 2/24 Sun. 23:59:59 前填寫完畢
  - github repo url 請填 HTTPS
  - Github Repo表單

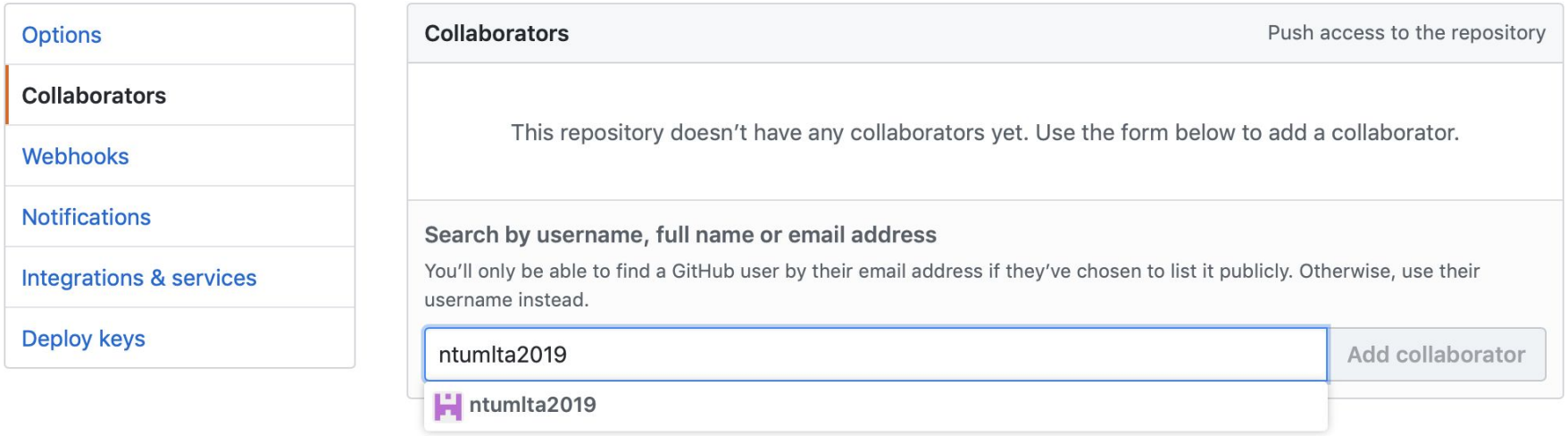
Github Setup



Github Setup



Github Setup



Github Tutorial

- https://github.com/hyes92121/ml-tutorial/tree/master/github

OS rules

- Please use OSX (MAC OS) or linux as your operating system in this class.
- Windows is not prohibited but is strongly discouraged and the student should take full responsibility for any consequences.
- Questions on how to install linux on a windows machine can be found on Google. The TA’s will not teach you how to install linux.

Virtual Environment

- Each year, there are students importing prohibited modules and causing them to lose points.
- So this year we are trying something new.
- For each HW, we will release the exact grading environment using Miniconda.
- More information can be found here. [link]

Virtual Environment

- Note that this mechanism is NOT a guarantee that your code will run successfully on our machine but merely a sanity check.
- Any error occurrence while executing your code on our machines will still receive a penalty.
- This is the first time we are experimenting with this, so the TA’s reserve the rights to make the final decision regarding any unexpected events.

Virtual Environment Tutorial

Virtual Environment Tutorial