

## Set up Google Cloud SDK:

1. Create new project on Google cloud browser
2. In SDK
  - a. To initiate gcloud: gcloud init
  - b. To login to gcloud from sdk: gcloud auth application-default login
  - c. Select project: cd to file location
  - d. Create environment: python -m venv <env name>
    - i. Activate environment: \env\Scripts\activate
    - ii. Edit sdk shortcut properties target to auto login and start env:  
C:\WINDOWS\system32\cmd.exe /k ""C:\Program Files (x86)\Google\Cloud SDK\cloud\_env.bat"" && cd C:\School\Winter-2025-CS512-Data-Science-Tools-Programming && env\Scripts\activate
  - e. Run: py <name.py>

## Set up MySQL:

1. Install VPN:  
[https://mysupport.oregonstate.edu/esp?id=kb\\_article&sysparm\\_article=KB0010662](https://mysupport.oregonstate.edu/esp?id=kb_article&sysparm_article=KB0010662)
  - a. Version: cisco-secure-client-win-5.1.6.103-core-vpn-predeploy-k9.msi
2. Log into MySQL: <https://classmysql.engr.oregonstate.edu/>
  - a. User: cs512\_ONIDUSERNAME
  - b. Pass: <last 4 of ONID acct number>

## Import files:

1. Click cs\_512 database
2. Click import \*top of screen)
3. Select file
4. Click import at bottom