

Day 16: PiCloud / AWS / CommonCrawl

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Agenda

- ▶ Getting set up on PiCloud

PiCloud setup

- ▶ Sign up at <http://www.picloud.com/>, specifically <https://www.picloud.com/accounts/register/?>. Although I used Google authentication, I also went to <https://www.picloud.com/accounts/settings/> to set a regular password, which will be necessary (?) for using Notebooks.
- ▶ You probably won't need to put in your credit card number. If you stay on “trial membership” status, you get 20 hours/month free of C1 compute time (\$1/month credit)

Finding my custom environment

- ▶ Click on `https://www.picloud.com/accounts/environment/` and select “Public Environments” tab (the rightmost)
- ▶ Search for “Working” in “Explore Public Environments” search box to bring up the `/rdhyee/Working_with_Open_Data` environment. *Favorite* it so you can then use it with your own notebooks.

PiCloud notebooks

Now go to <https://www.picloud.com/accounts/notebook/>.
Try out the Primer notebook while selecting the
`/rdhyee/Working_with_Open_Data` environment.

Getting picloud set up on your local machine

To get the `cloud` Python library set up on your local machine and if you are running EPD, which has an out-of-date `cloud` library, run

```
pip install --upgrade cloud
```

and

```
picloud setup
```

how to ssh into your notebook machine

Once you have your local picloud setup going, you can ssh into the job

```
picloud ssh notebook-job-id
```

Look at <https://www.picloud.com/accounts/jobs/> to find out the notebook-job-id

NB: I don't know whether this functionality works on Windows though....