DS3500: Advanced Programming with Data
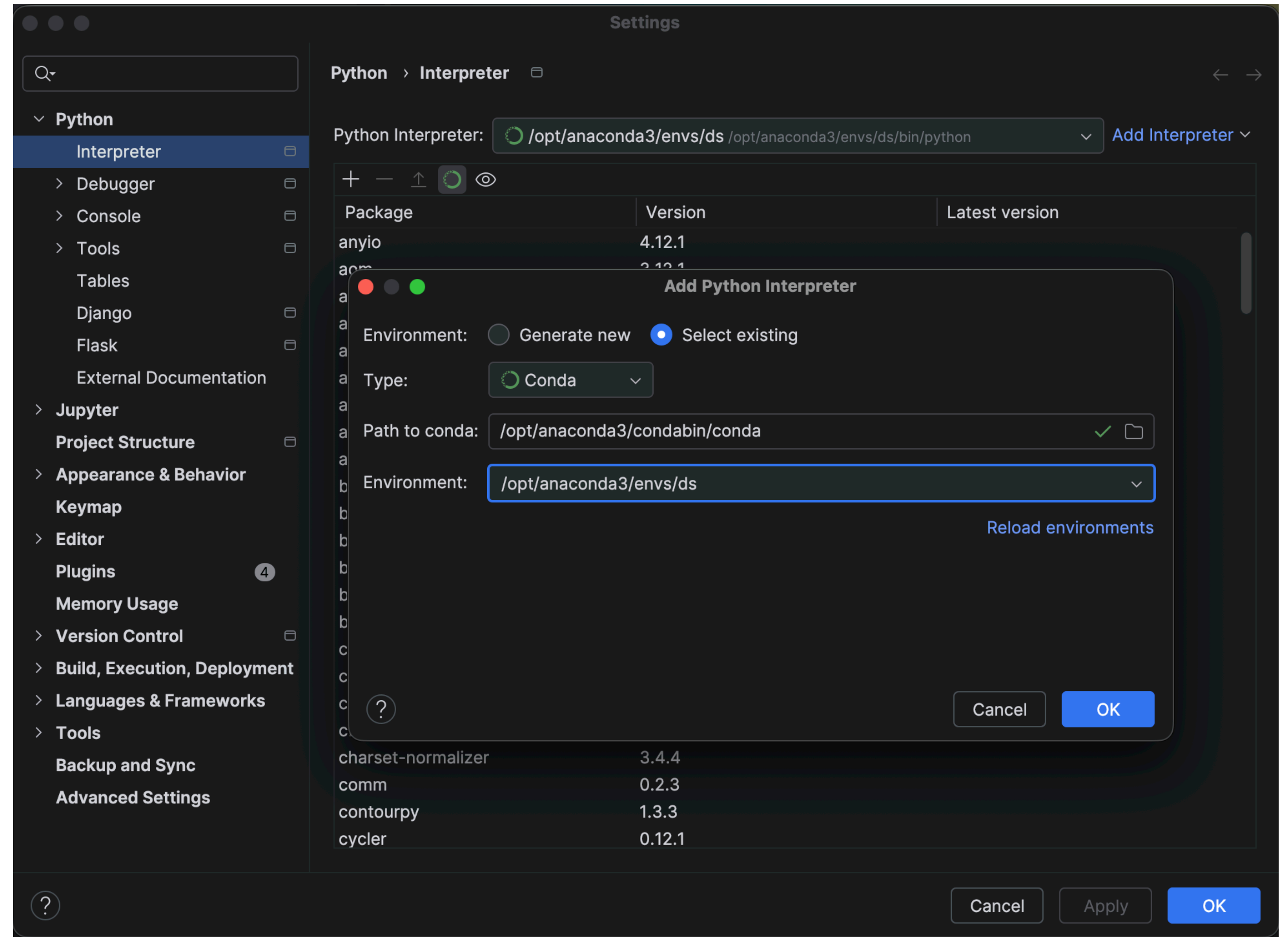
Day 2

PyCharm (JetBrains)

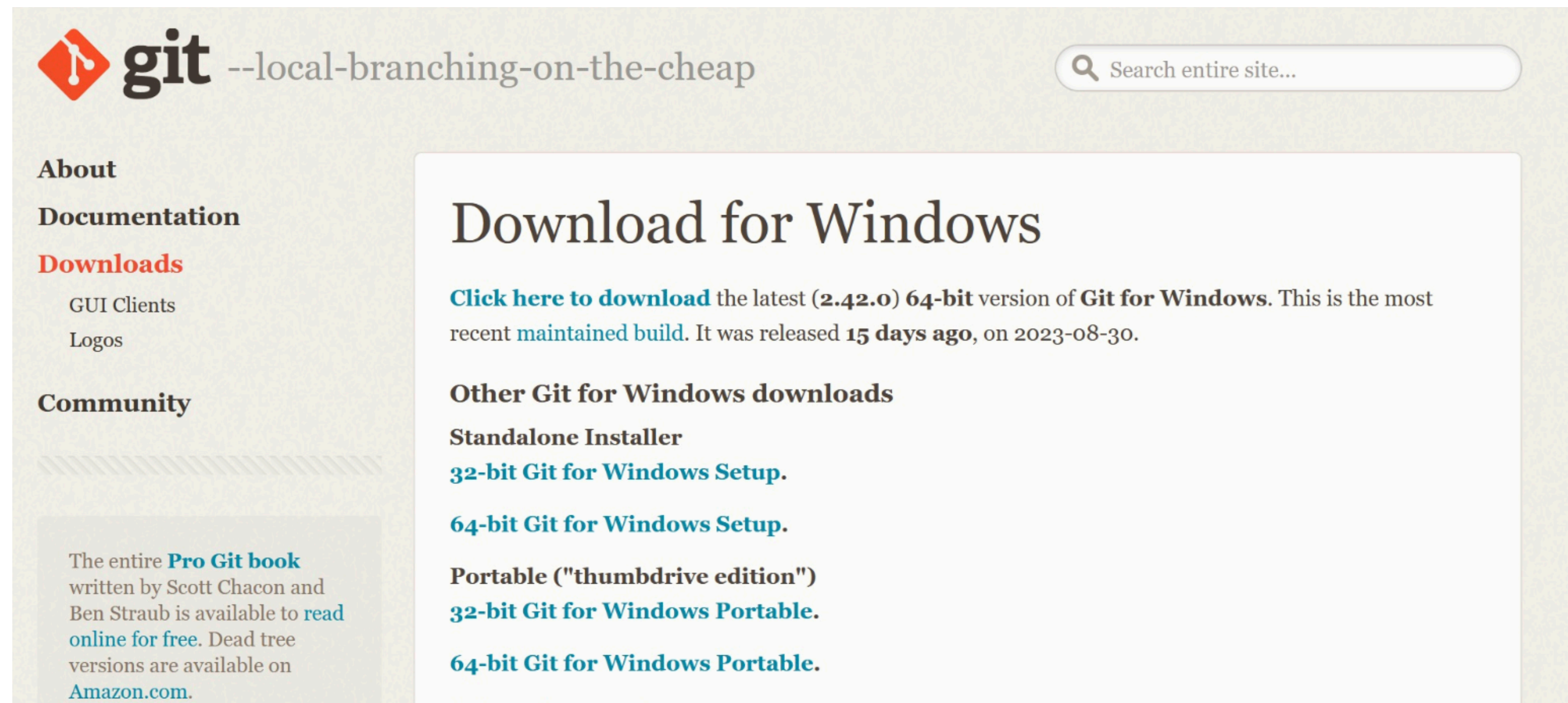Go to settings and find the interpreter settings.

You should then link your PyCharm interpreter to the ds environment created with Anaconda.

Do not create a new environment, you should be using the existing local Conda environment.

Installing Git on Windows

Follow instructions in the Git Pro Book: https://git-scm.com/book/en/v2/Getting-Started-Installing-Git

Installing Git on MacOS

`git --version`

This will open a pop-up for installing Xcode Command Line tools!

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Configure your Identity on Git

Every git commit uses your identity so it is important to set up your user name and address. You only need to do this once for the system.

```
git config --global user.name
"Rush Sangs"

git config --global
user.email
"rush.sang@northeastern.edu"
```

Git Tasks

1. Log in to Khoury's Git server.

2. Enable authentication for your device (SSH keys)

- Profile > Settings> SSHH & GPG Keys

- Follow instructions for generating new SSH keys.

- Do it in your home directory!

- Add the public key to Khoury Git account.

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Git Tasks

3. Clone the course public repository

4. Create your **private** repository

• Add a readme and a gitignore.

5. Pull stuff from public repo

6. Push stuff to your private repo

```
# clone
git clone <SSH URL>

# check status
git status

# push content
git add <folder name>
git commit -m "added content"
git push

# pull updated content
git pull
```