**QIIME2 Installation**

1. After obtaining a HPCC account, you should have access to this:

<https://ondemand.hpcc.msu.edu/pun/sys/dashboard/>

1. Click on “>\_Open in Terminal” box to open the terminal page

A screenshot of a computer

AI-generated content may be incorrect.

1. In the terminal page, starting with downloading QIIME2 environment YAML file with :

wget https://data.qiime2.org/distro/amplicon/qiime2-amplicon-2024.10-py310-linux-conda.yml

A black screen with white text

AI-generated content may be incorrect.

1. Then a second become this:

A screenshot of a computer

AI-generated content may be incorrect.

1. Unload the current module, load “Miniforge3” module and setup QIIME2 environment with “conda” by entering these:

module purge

module load Miniforge3

conda env create -n qiime2-2024.10 --file qiime2-amplicon-2024.10-py310-linux-conda.yml

A screenshot of a computer

AI-generated content may be incorrect.

1. It will take around 8 min to run. You can leave the terminal page running in the background. And then, it looks like this when done:

A screenshot of a computer program

AI-generated content may be incorrect.

1. Finaly, remove the installed YAML file and activate qiime2 with “conda”:

rm qiime2-amplicon-2024.10-py310-linux-conda.yml

conda activate qiime2-2024.10

A screenshot of a computer

AI-generated content may be incorrect.

1. Congratulations! QIIME2 is ready to use. Notice highlighted “(qiime2-2024.10)“!

You can further test if QIIME2 is working by entering:

qiime --help