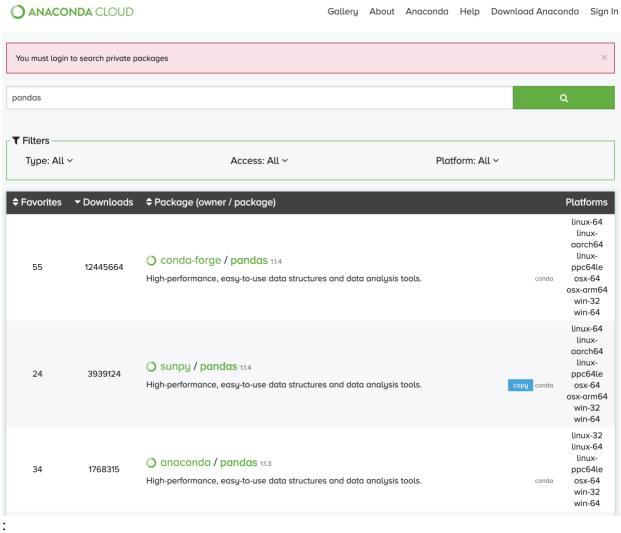
How to create a miniconda environment?

- 1. Install miniconda locally from https://docs.conda.io/en/latest/miniconda.html
- 2. Inside miniconda2/envs/ create a directory + a yml file. The dependencies should be written like in https://anaconda.org/ and the name of the channels accordingly (sorted by preference). For example, when we search pandas, we may write in channels "condaforge" and then "anaconda", and in "dependencies" write "pandas".



-----shiran_gpu.yml -----

name: shiran_gpu

channels:

- conda-forge
- anaconda

dependencies:

- python=3.8	
- tensorflow-gpu	
- pandas	
- numpy	

3. Create conda environment: conda env create -f miniconda3/envs/shiran_gpu/shiran_gpu.yml

- 4. To launch the environment (for running your scripts) activate it: conda activate shiran_gpu
- 5. In a job sh file, add the following lines before executing the command (e.g., python): source ~/.bashrc

PATH="/groups/itay_mayrose/shiranabad/miniconda3/envs/snakemake/bin:\$PATH"

6. When you need to update the environment (e.g., add modules), update the yml file and run:

conda env update -f miniconda3/envs/shiran_gpu/shiran_gpu.yml