1.

Create a python3 virtual environment

virtualenv -p python3 envname

source envname/bin/activate

2. install all the packages needed. (sklearn, pandas)

pip install sklearn

pip install pandas

Pip install matplotlib

3. Source codes:

check.py:

This is to check the integrity for the downloaded miRNA files

python check.py.

parse\_file\_case\_id.py:

This is to get the unique file id and the corresponding case ids.

python parse\_file\_case\_id.py

request\_meta.py: This is to request the meta data for the files and cases.

python request\_meta.py

gen\_miRNA\_matrix.py: This is to generate the miRNA matrix and labels for all the files

python gen\_miRNA\_matrix.py