

Command to run the python code

```
1 python main.py [dataset_name]
```

Please run the codes in python 2

For example to run the algorithm on netflix dataset, you can run the following code on the command prompt.

```
1 python main.py netflix
```

Now let us elaborate on the command line parameters for the code:-

- **dataset_name**

Provide the name of folder for the dataset (please keep the folder in the same directory as the code only). Also the inside structure of the dataset folder should be same as that of given netflix folder.

For example your folder in which the code is present should look like this :-

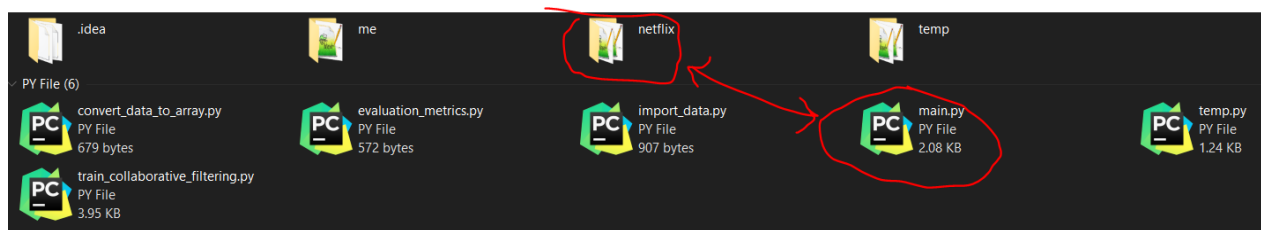


Figure 1: The directory for the code

These are the modules/imports required for the code:-

```
1 import sys
2 import warnings
3 from math import sqrt
4 import os
5 import numpy as np
6 import math
7 import numpy as np
```

These are the modules that need to be installed on the devices on which the code is run. Please install all these before running the code.