ACM_Sets [link]

This is an Advanced Collection Manager (ACM, from BrickSet) interpreter in Python, which takes the exported .csv files and provides basic quantitative information about your collection.

Instruction

First, go to the official BrickSet site, go to the highlighted green directory (Fig. 1), and export the data files accordingly. Rename them exactly as shown in fig. 1 (.csv is the target extension).
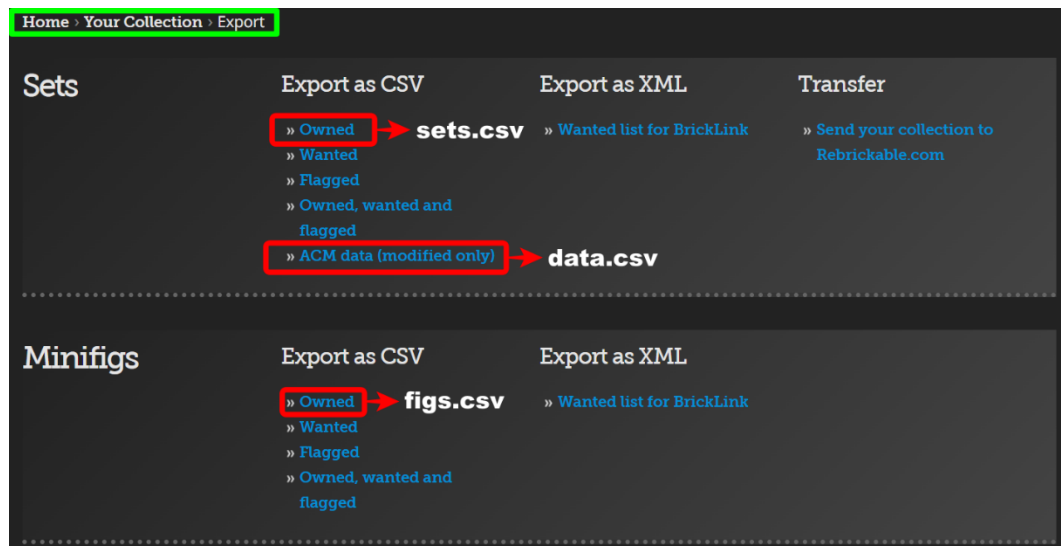

Fig. 1

Secondly, make sure that in the Python IDE of your choice, all the files are in the same folder as the main.py [link] file. The project structure should look like in fig. 2.
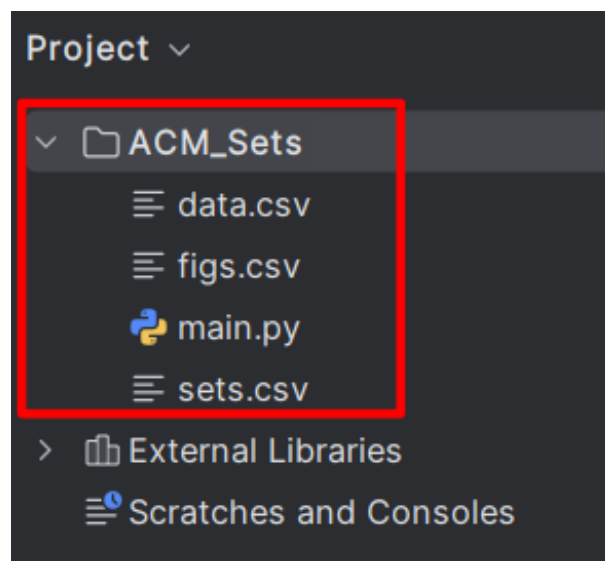

Fig. 2

After you run the program, the terminal should look like in fig. 3. Number 1 (red area) shows the last modification dates of all crucial files. Number 2 (blue area) is a list of categories from which you can choose one at a time. Number 3 (green area) signifies the user input. Choose whichever option suits your needs.

```
The last modification date of the ACM data file is 2025-12-07 19:07:31.321198.
The last modification date of the Minifigure data file is 2025-12-07 19:07:06.712911.
The last modification date of the Set data file is 2025-12-07 19:06:56.389550.        1
1 - Total amount paid for all sets in PLN
2 - Total amount paid for all sets in EUR
3 - Total number of pieces included in sets
4 - Total number of minifigures included in sets
5 - Total retail value of sets with known USD prices
6 - Total retail value of sets with known GBP prices
7 - Total retail value of sets with known EUR prices
8 - Total retail value of sets with known CAD prices
9 - Total amount paid for loose minifigures in PLN
10 - Total amount paid for loose minifigures in EUR
11 - Total amount paid for LEGO in PLN
12 - Total amount paid for LEGO in EUR
13 - End program                                                                     2
What would you like to know? Number: 1                                               3
```

Fig. 3

Lastly, enjoy my short code. Hope it helps you.