

The entire homework is done using just core python library and nothing other than that.
The **countminsketch1.py** is a python file where count-min sketch data structure is constructed and during its construction no other library but python core library is used.
To run the **HW1_streaming.py** file please include **countminsketch1.py** in the same directory as **HW1_streaming.py** and then in command line

```
python HW1_streaming.py sale.csv output.csv
```

References:

- 1) [Algorithm for count-min-sketch](#)
- 2) [Python implementation of count-min-sketch](#)