

## show\_example

April 8, 2024

```
[1]: import h5py
import matplotlib.pyplot as plt
import pandas as pd

[3]: f = h5py.File("D:/Chuanting_Files/Disk_J/all_data_ct.h5", 'r')

[4]: f.keys()

[4]: <KeysViewHDF5 ['data', 'idx']>

[5]: data = f['data']

[6]: data.shape

[6]: (1488, 10000, 5)

[7]: f10 = h5py.File("D:/Chuanting_Files/Disk_J/all_data_ct_10M.h5", 'r')

[8]: data_10m = f10['data']

[9]: data_10m.shape

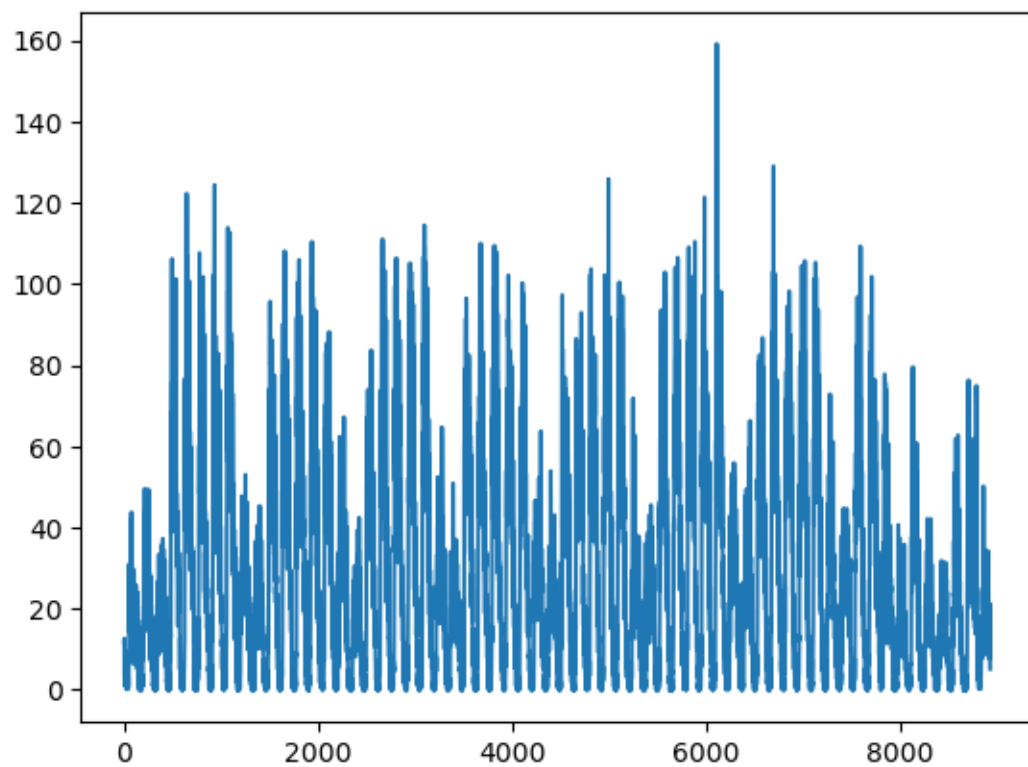
[9]: (8928, 10000, 5)

[10]: data_10m[:, 5045, 0]

[10]: array([11.53916031, 12.66390022,  3.83566791, ..., 11.64864621,
          5.90218258,  5.14674516])

[11]: plt.plot(data_10m[:, 5045, 0])

[11]: [<matplotlib.lines.Line2D at 0x2bb37225550>]
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