https://www.youtube.com/watch?v=1O9wg2yl788

Basically my code has a
94.67% accuracy for k=1
96.00% accuracy for k=3
96.00% accuracy for k=4

The way to run my code its very simple. Just go to main.py and run the main function and that's it. The code is explained in the video but I will explain it again.

In the data directory there is a file splitter. The file splitter takes the UCI data and processes it, then writes it into four files. That is essentially the first function I called in the main loop. The next file is the KNN file which finds the distance between the train and test and then determines its distance to k. Then it finds the accuracy. I call both functions in the main loop, then I process the output and use some fstring concatenation to push it to the command line as output and that's the essence of what my code does.