CS4315

FEB 25

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Read me for ‘kmeans.py’

My program can be executed from the command line, just type ‘python’ followed by the name of the program ‘kmeans.py’ followed by the number of centroids you want followed by the name of your input file.

python kmeans.py 4 ==input4.txt,k=4==.txt

Since I am using OSX, I could not use your Windows data generator or visualizer. To remedy this, I created a program to test the output file, it uses the output of my kmeans program to draw a diagram of my clusters. It works for up to 4 clusters Call it using:

python grapher.py output1.txt (or whatever the name of your output is)

I’ve included screenshots of my own visualizer in this zip file.