First use pca to reduce the number of dimension to 2 And then use grid-based outlier detection method to find outliers in a large data set

Setting D = 100 and M = 100 I find 22 outliers.

As the data is too large, I try to set d=10 and M=10, but the running time is too long to get the result before the due of the exam

Reference: https://github.com/vrzhao/COMP4331\_A4