#**10.1 - Thresholding Numerical Feature Variance**

from sklearn import datasets

from sklearn.feature\_selection import VarianceThreshold

#import data

iris= datasets.load\_iris()

#create features and target

features=iris.data

target=iris.target

#create thresholder

thresholder = VarianceThreshold(threshold=.5)

#create high variance feature matrix and print

features\_high\_variance=thresholder.fit\_transform(features)

print(features\_high\_variance[0:3])

#**10.2 - Thresholding Binary Feature Variance**

features = [[0,1,0],

[0,1,1],

[0,1,0],

[0,1,1],

[1,0,0]]

thresholder=VarianceThreshold(threshold = (.75\*(1-.75)))

print(thresholder.fit\_transform(features))