Quiz 3

Name: UID:

Problem 1.(3= 1 +2 points.)

1a. Are principle component directions orthogonal (True /False)

True

1b. In fisher LDA. for k class how many dimentional space we can project data into?

K-1

Problem 2.(1= 1 points.) In decision tree how you select the best attribute? Just mention one method

Information gain, GINI index

Problem 3.(2 points.) What is Bagging? Please write just one line.

Bagging generates new training sets from given train set by uniformly sampling with replacement.