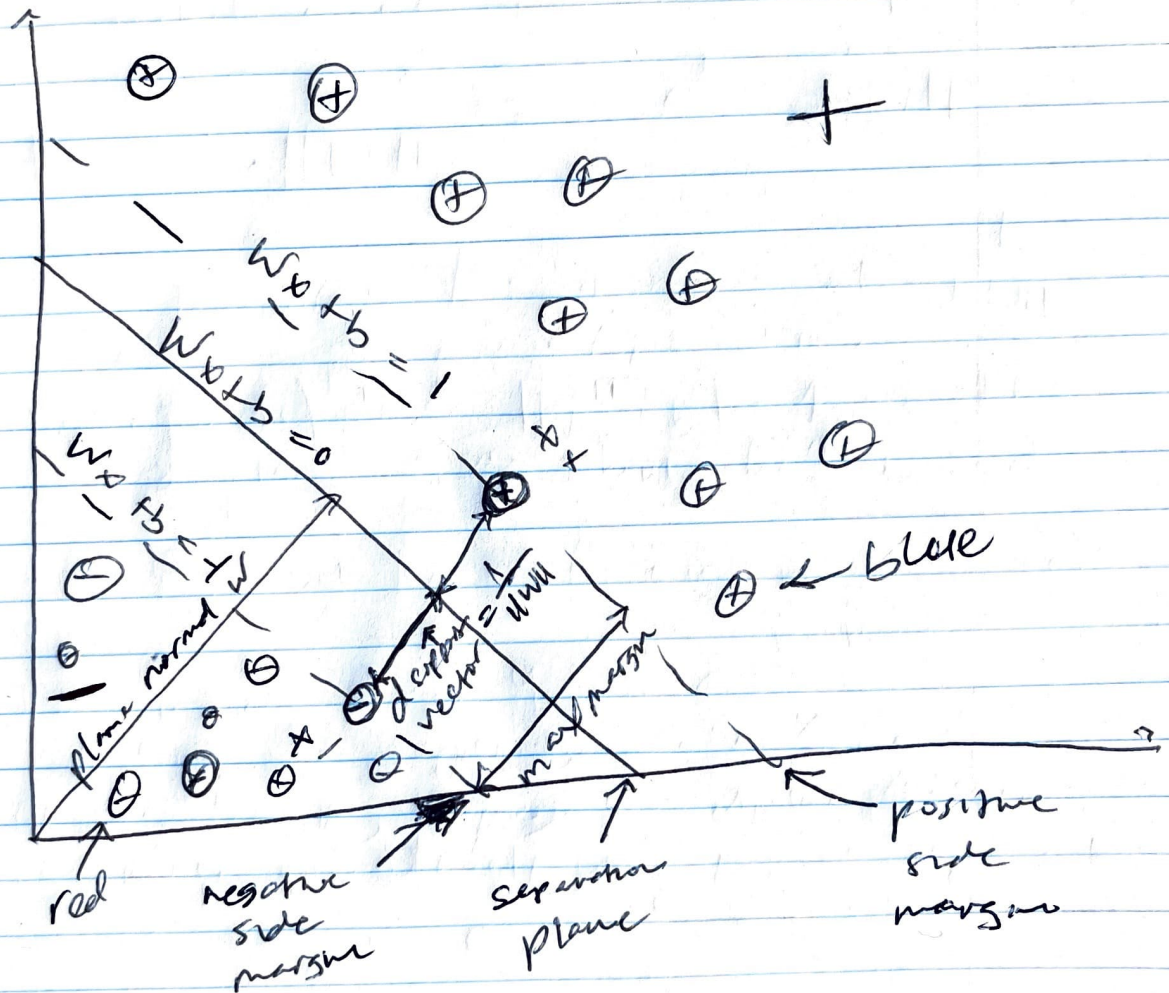


Robert Cocker
DATA-3461
Dr. Jawad
Quiz 5

Quiz 5

SVM (Support Vector) Machines



- W and b are scaled where closest points on the line
 $|W^T x + b| = 1$

2 If the plane is in the middle, minimum margin (geometrical distance) from plane to points is $d_{\text{support vector}} = \frac{1}{\|W\|}$