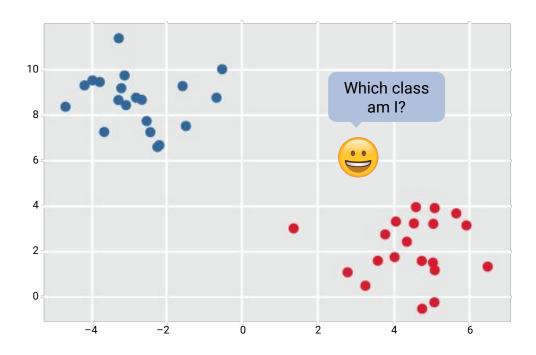
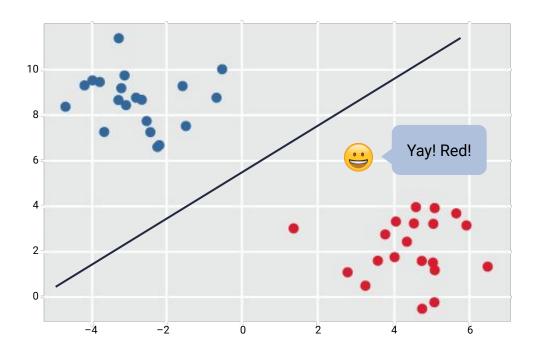


Support Vector Machine

Linear classifiers attempt to draw a line that separates the data, but which line best separates the groups?

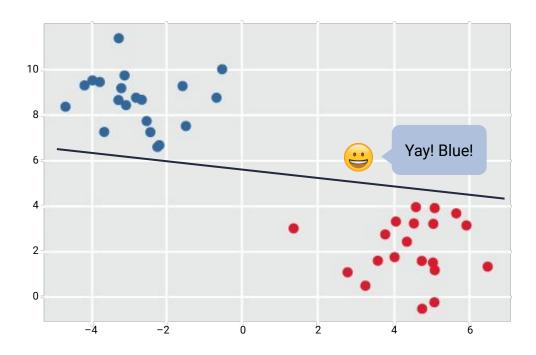


Linear classifiers attempt to draw a line that separates the data, but which line best separates the groups?

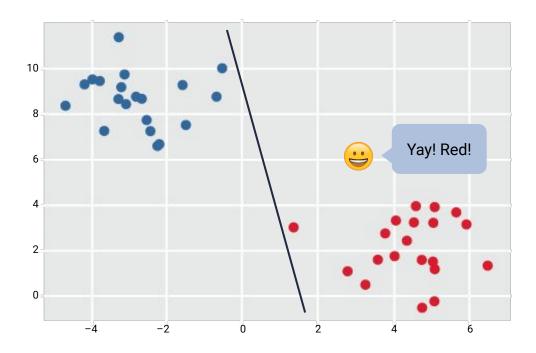


4

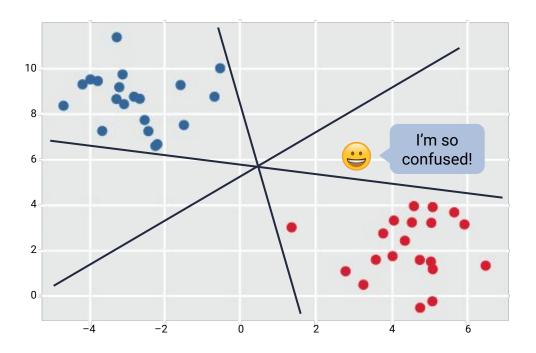
Linear classifiers attempt to draw a line that separates the data, but which line best separates the groups?



Linear classifiers attempt to draw a line that separates the data, but which line best separates the groups?



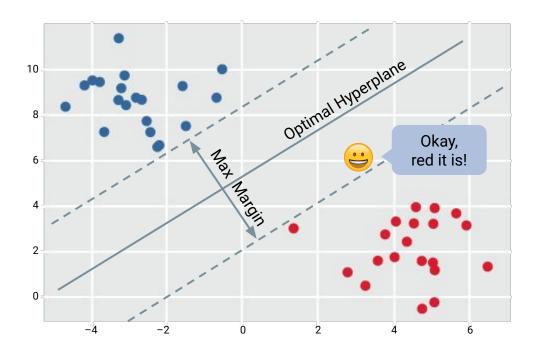
Linear classifiers attempt to draw a line that separates the data, but which line best separates the groups?



7

Support Vector Machines

The Support Vector Machines (SVM) algorithm finds the optimal hyperplane that separates the data points with the largest margin possible.



8

Questions?