

CODING UP SVM

- Naive Bayes classification accuracy was 88.4%
- SVM is giving 92%

NONLINEAR SVM

- SVM can do really complicated shapes by nonlinear SVM

QUIZ: PRACTICE MAKING A NEW FEATURE

- $|x|$ will work to separate all the points into two separate sets

KERNEL TRICK

- There are functions that take a low dimensional feature space and map them to a high dimensional space

$X1Y \rightarrow X11X2X3X4X5$