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Assign12-SVM

Q1&Q2&Q3&Q4&Q5

```
Linear
The Accuracy is 94.23%
Confusion matrix for Year 2 is:
TP:  26
FP:   3
FN:   0
TN:  23

TPR for Year 2 is 1.0
TNR for Year 2 is 0.8966
Gaussian:
The Accuracy is 75.0%

Polynomial SVM for degree 2:
Accuracy:96.15%
```

Gaussian SVM is worst than linear SVM

Polynomial SVM is better than linear SVM

Q6

Long position strategy