Jon Organ

CS677

Homework 9, Bayesian

**Question 1:**

Gaussian Naive Bayesian year 2 accuracy: 76.0%

**Question 2:**

Confusion matrix:

Predicted Green Red

Actual

Green 19 10

Red 2 19

**Question 3:**

True positive rate: 65.52%

True negative rate: 90.48%

**Question 4:**

Buy-and-hold retrieved from previous assignment...

Gaussian Naive Bayes ($299.18) was more effective than Buy-and-hold ($125.70) for year 2.