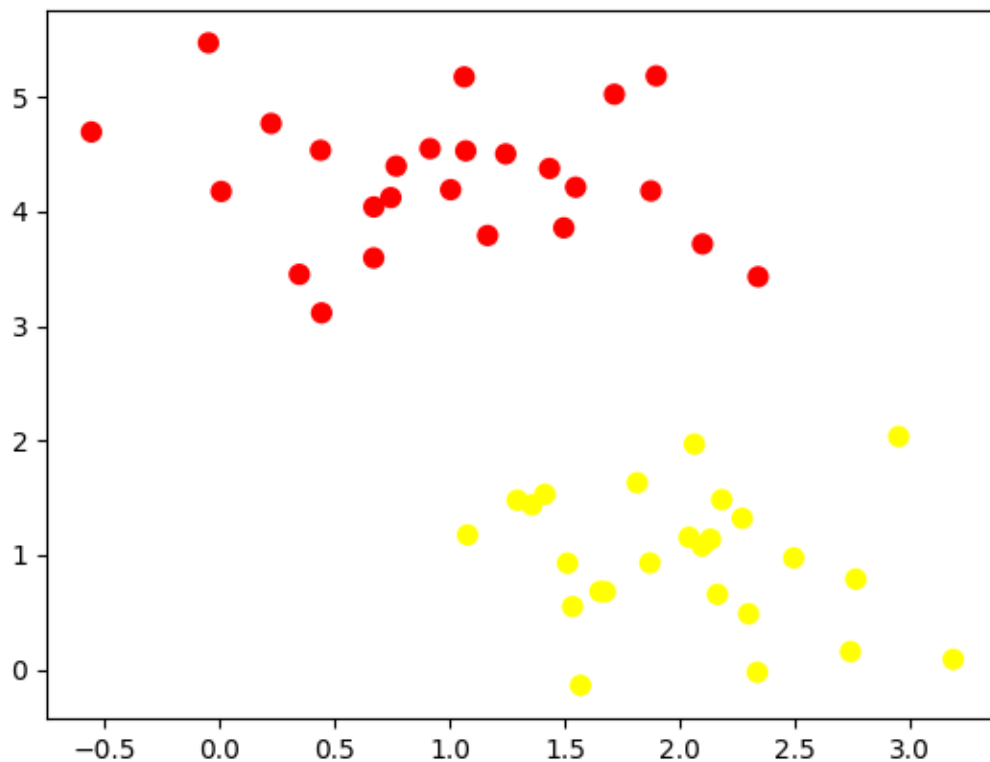After some experiments of different models and some research online, I decided to implement two models for this project which are logistic regression and support vector machine.

For support vector machine, I was able to get an accuracy rate of 52%, which is fairly low. The plotted data is shown in the figure below.

As we can see from the plot, the data should be easily classified using support vector machine. Thus, I will try to modify the support vector machine to get a better result.

For the logistic regression, I was able to get an accuracy around 50%, which is also low. I will try to add or drop some features to get a better result.