**STT 811**

**In-Class Assignment 17**

This problem will use the Heart dataset, with the numerical y as the target.

1. Do a 70/30 train/test split
2. Build a SVM model using RestBP and MaxHR. Try different kernels, with default hyperparameter values. Which is best according to accuracy?
3. For the best, try varying the hyperparameters. Is there a better set?
4. Add other inputs, seeing if you can improve the accuracy. What’s the best model you can find?