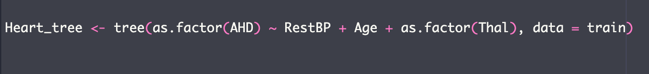
**STT 811**

**In-Class Assignment 13**

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

1. Split the data into training and test datasets (with a 75/25 split).Text

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2. Build a decision tree model based on Thal, RestBP, and Age. 
3. Plot the tree.

Diagram

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1. Create the confusion matrix and give the accuracy.

Text

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1. Try some other combinations of inputs. See if the new inputs appear in the tree. If so, calculate their confusion matrix.

Diagram

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