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Final Project Code Description

heart\_2020\_cleaned.csv is the base data file

heart\_conv.py converts heart\_2020\_cleaned.csv into the training, validation, and testing csv files. These are named heart\_train.csv, heart\_valid.csv, and heart\_test.csv respectively

new\_heart\_data.csv is a combination of the training, valid, and test data files.

perceptron.py is the perceptron code

lr.py is the logistic regression code

heart\_svm is the SVM code

The three csv files are used as input for the perceptron, logistic regression, and SVM models. Any arbitrary text file can be used to store the weights for the perceptron and logistic regression.