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Project 2 Machine Learning with Dr. Eamonn Keogh

My code is heavily based on the MatLab code provided by Dr. Keogh. All code is original except for functions from following Python libraries:

* **csv**, **os**, **pandas** and **numpy** were used to parse the provided text file
* **sys** and **math** were used to perform cross validation and calculate Euclidean distance respectively
* **time** was used to record how long the program took to run

**Premise**

Dr. Keogh assigned each student a small data set and a large data set. Our task is to use Forward Selection and Backward Elimination to find the most relevant features in the data sets.

**Results**

I was assigned Ver\_2\_CS170\_Fall\_2021\_Small\_data\_\_91.txt.

I was assigned large data set 57.