# Challenge:

To build a regression model that predicts the left ventricular heart volume (a scalar value, Y) from a large number of impedance measurements (a 6720-dimensional vector, X).

# Description of data:

## Training data:

There are 1078 training samples.

The file *train* contains a 792x6721 matrix, in CSV format. For each row, the first 6720 columns are the 1568 dimensions of the input vector, X. The last column is the output scalar, Y.

## Test data:

There are 4 separate sets of testing data, contained in files *test1, test2,… test4*.

Note: DO NOT use any test data for training.

Each file *testX* contains a 11x6721 matrix, in CSV format. For each row, the first 6720 columns are the 6720 dimensions of the input vector, X. The last column is the output scalar, Y.