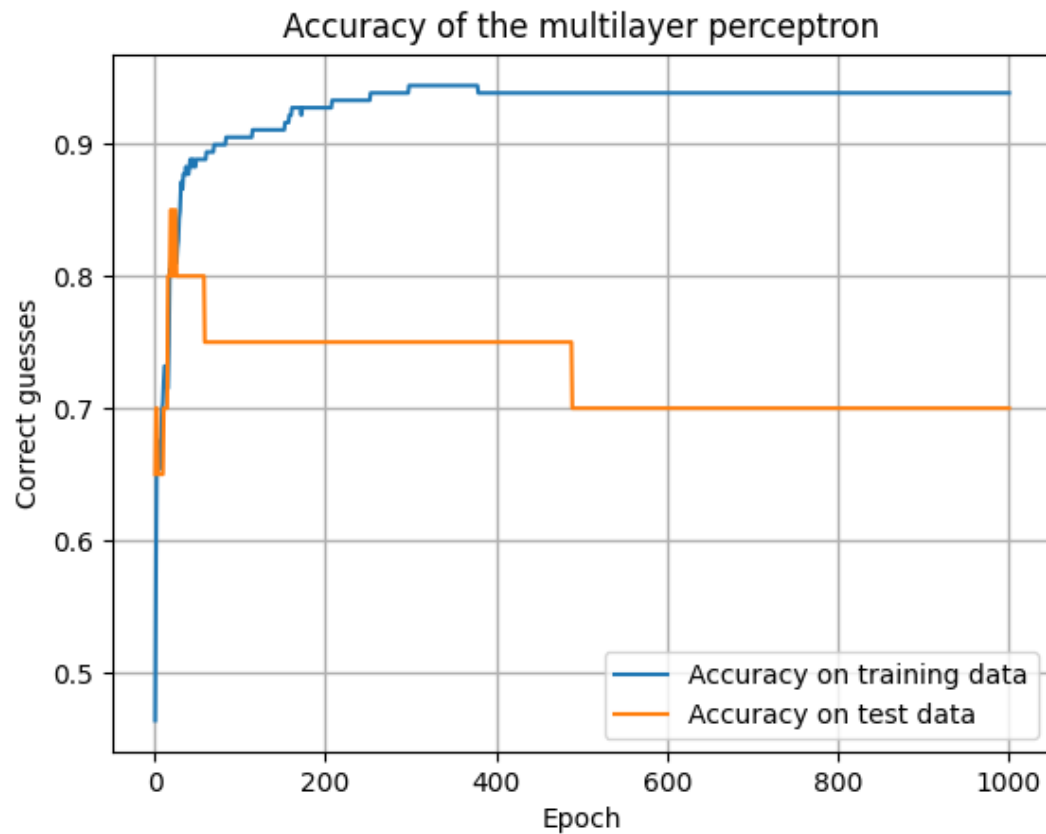


2.3 Deep Feed Forward Neural Networks

In this task a deep feed forward neural network was used to predict whether an ECG is normal or abnormal. The length of the data varies.

Multi-Layer Perceptron

One of the types of feed forward neural network is a Multi-Layer Perceptron. When parsing the data, I only used the data where the length of the data from leads 0 and 1 was at least 40. Then I used 40 first numbers from each of the 2 files as input to the neural network.



The accuracy varied between runs of the program, with the test results sometimes being lower than 0.5 and sometimes reaching more than 0.9.