CHAPTER 6
CONCLUSION

By looking at the results of the prediction trials in the previous chapter, it can be concluded that the two selected algorithms, namely the Neural Network and Random Forest, can predict potential heart attacks with fairly good results with an accuracy score range of 0.847 to 0.863. The Neural Network Algorithm is better at predicting than the Random Forest when the dataset for training the algorithm is small. The Random Forest algorithm gives the highest accuracy results when the algorithm training dataset is at a ratio of 50% with score of accuracy 0,863.

Suggestions for future research are to increase the level of accuracy in predicting a heart attack in someone to be more accurate with an accuracy score exceeding 0.9.