Diagnosis from ECG data using Neural Networks

Paul An  
Shiv Prathik

# Abstract

During our class, we have covered the Feed-Forward Neural Network. These networks have been identified as good candidate for classifying patterns as well as predicting time-series. Our homework covered classifying patterns from images. We wanted to explore the ways in which we can adapt the Neural Network to make viable predictions on time-series. To this effect, we explore different ways in which an Electrocardiogram (ECG) can be fed into various Neural Network architectures, and compare the success rate of eat trained network.

# Introduction

## References