SOFT354 – Parallel Computation and Distributed Systems

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# Introduction

In this report I am implementing both serial and parallel versions of a neural network to compare the performance differences when using back-propagation to train the network.

* Why is this an issue?
  + Has it been solved?

# Implementation

## Serial Implementation

## Parallel Implementation

* Describe serial version
  + All methods
  + Matrix library you created
  + Mathematics behind training algorithm
  + The accuracy of the network
  + What dataset you are using, and why
* How you moved from serial to parallel
  + What processes are still in serial?
    - What effect would if have if everything was in parallel
    - Why aren’t they in parallel?

# Evaluation

# Conclusion

# References