Data Science 210 Final Project

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1 Background

2 Design

2.1 Data Importing

Since the data was given in a string csv format, an additional pytohn script was created to import the data into two matricies, one contianing the inputs and one contianing the expected outputs.

3 Implementation

4 Validation

5 Reflection

6 Notes

Forward Feeding Algorithm

$$S(W_0 * f(W_i * \vec{\text{In}})) = \text{Out}$$

7 Equations

$$s(x) = \frac{1}{1 + e^{-x}}$$