

# 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 matrices, 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

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

## 8 Citations