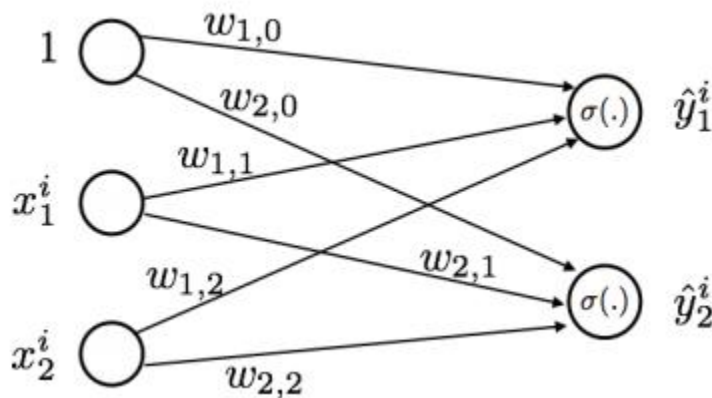Yifan Yao

Project update 2

Progress:

After using Least Square and LASSO regression, I try to use Neural Network for classification. The two classifier structures are shown below with 7 features. Here we use a logistic activation function $\sigma(z) = (1 + e^{-z})^{-1}$, but for now is not work well, the error is too large. Errors in first classifier: 2724.0, which is not acceptable.

Link: https://github.com/Mieggy/face-gender-classify/blob/main/532%20project.ipynb

Plan:

I am following my timeline. After I learned more about Neural Networks, I will fix it, add more layers and reduce error.

GitHub: https://github.com/Mieggy/face-gender-classify