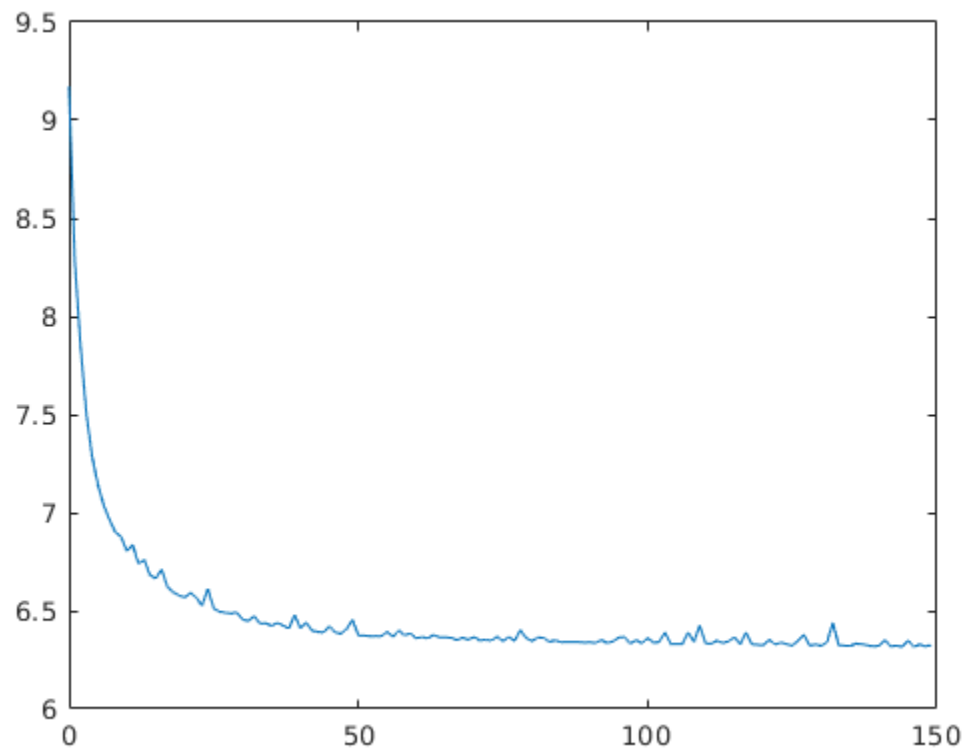

Linear Neural Network Homework

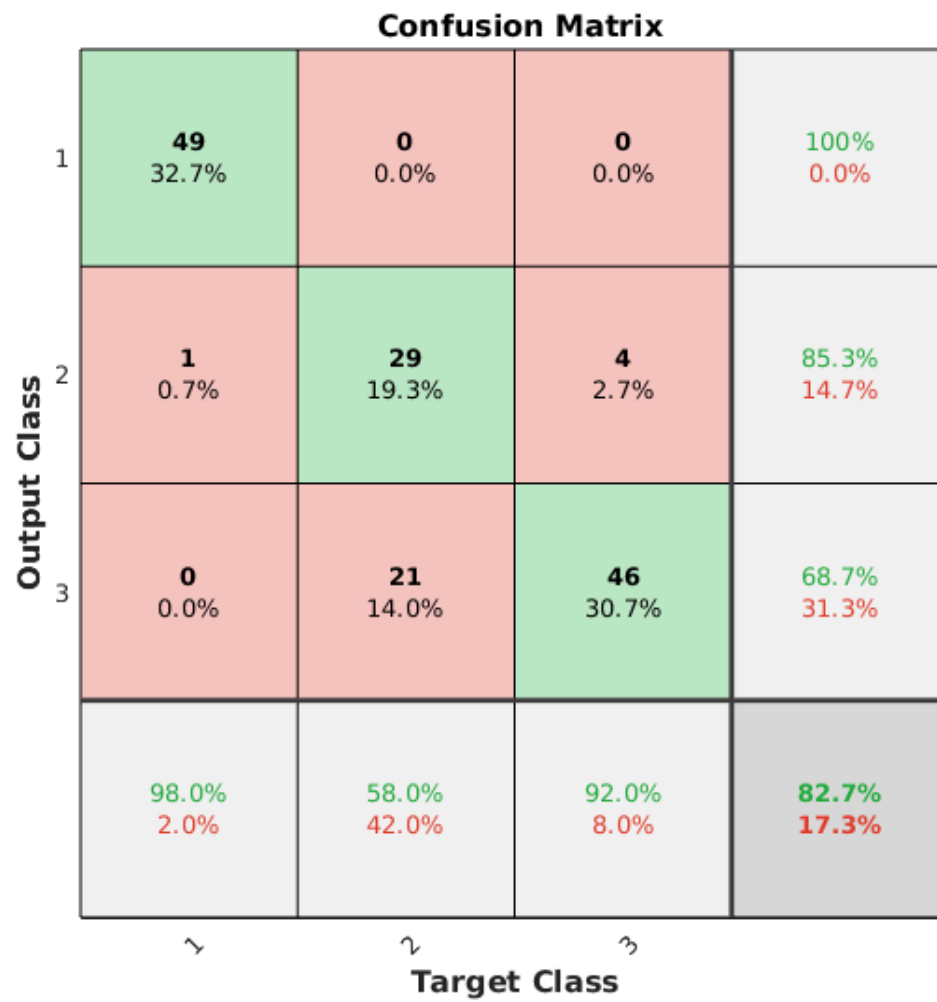
Bryn Louise

```
% load data
load('/home/louisebw/Downloads/IrisDataX.mat')
% define target classes
T = [ones(1,50), zeros(1,100)
      zeros(1,50), ones(1,50), zeros(1,50)
      zeros(1,100), ones(1,50)];
% define parameters
alpha = 0.01;
NumEpochs = 150;
% train
[W, b, EpochErr] = WidHoff(X, T, alpha, NumEpochs);

NumEVec = [0:NumEpochs-1];
x1 = NumEVec;
y1 = EpochErr;
figure
plot(x1,y1)

figure
plotconfusion(T, W*X + b);
```





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