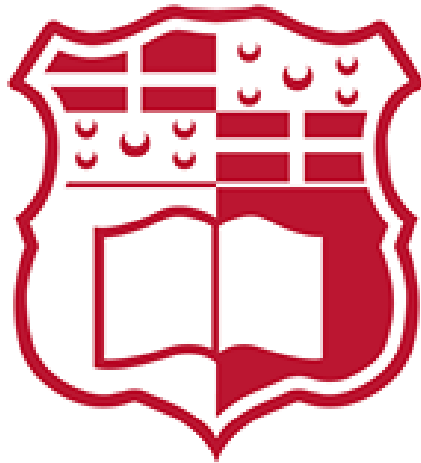


# Introduction to Deep Learning Assignment 1

(ARI3214)

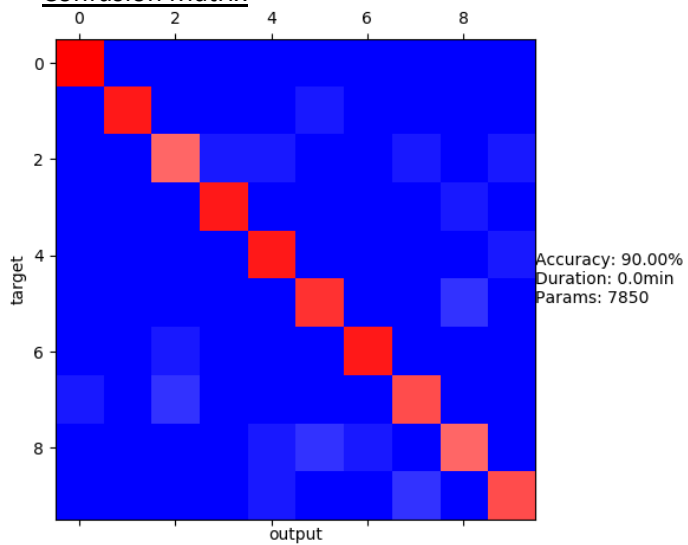


Name: Deborah Vella

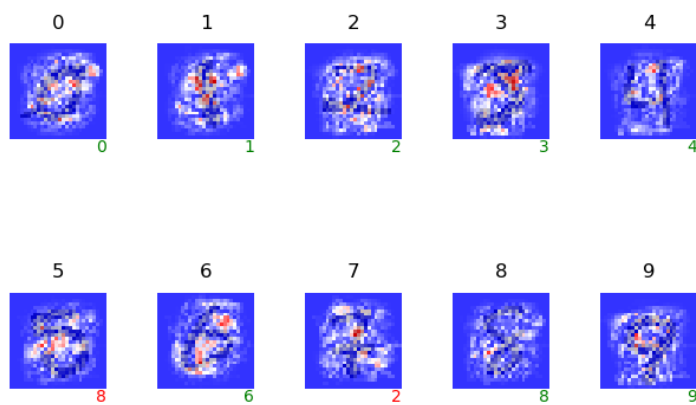
# Task 1

The below are the results for task 1

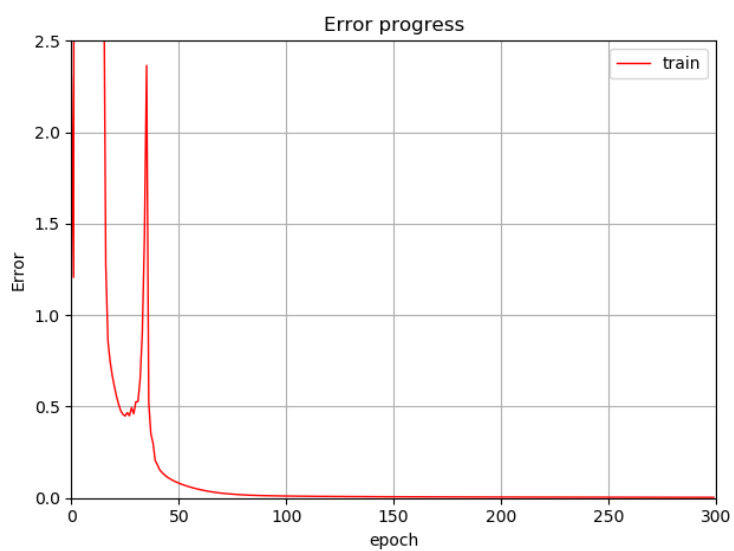
Confusion Matrix



Sensitivity Analysis



Training Progress

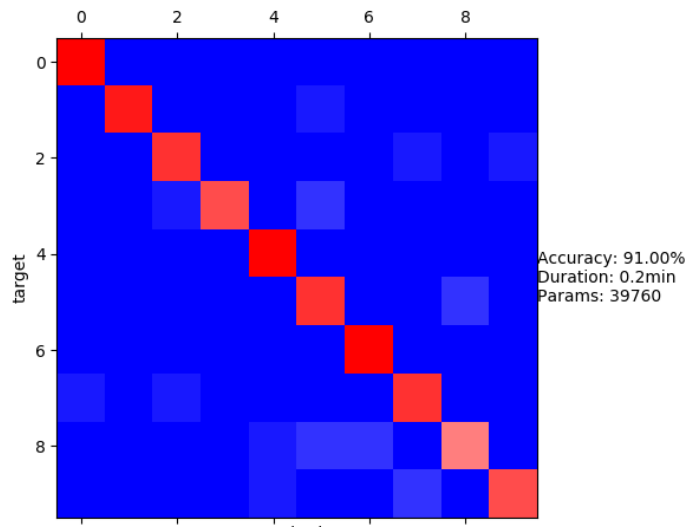


# Task 2

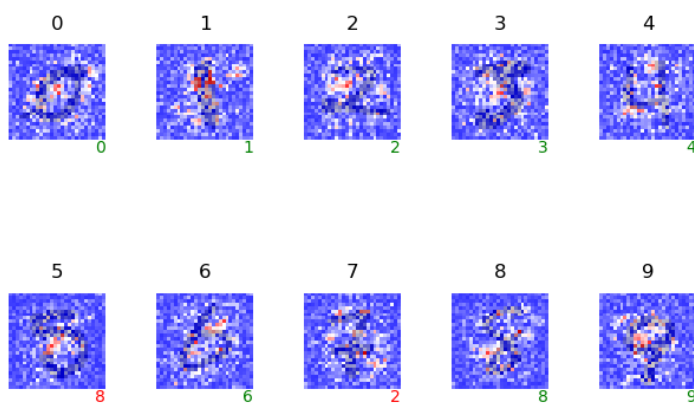
The output for this task varies from one run to another, therefore, I will be providing the results for 3 runs.

## ❖ Run 1

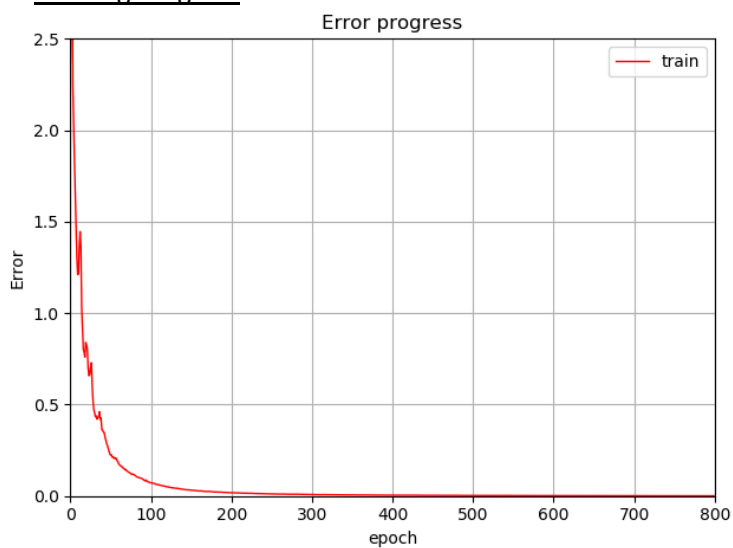
### Confusion Matrix



### Sensitivity Analysis

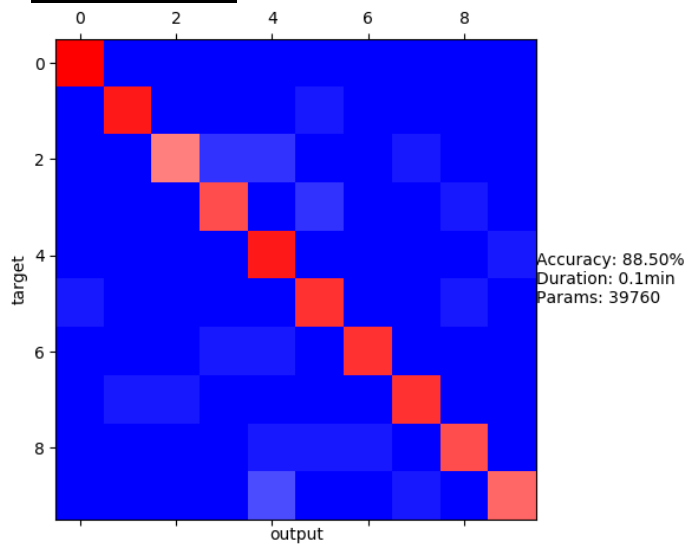


### Training Progress

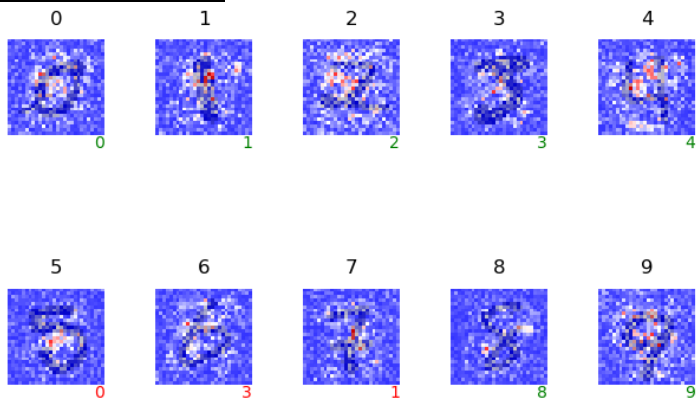


## ❖ Run 2

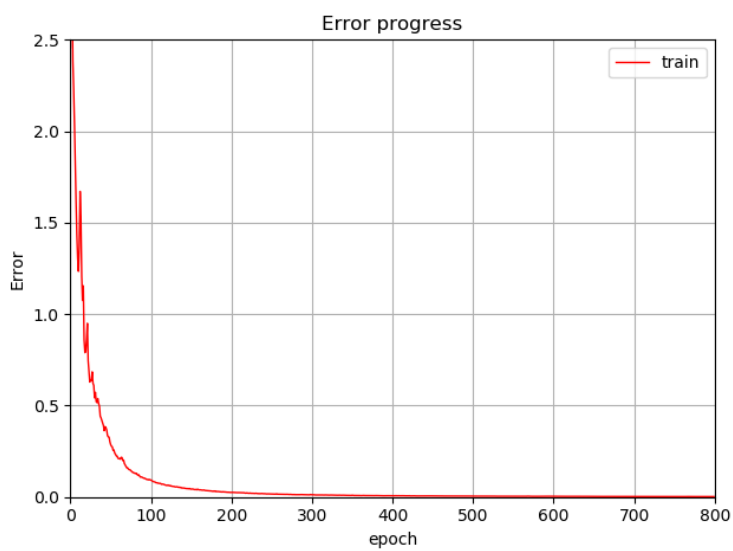
Confusion Matrix



Sensitivity Analysis

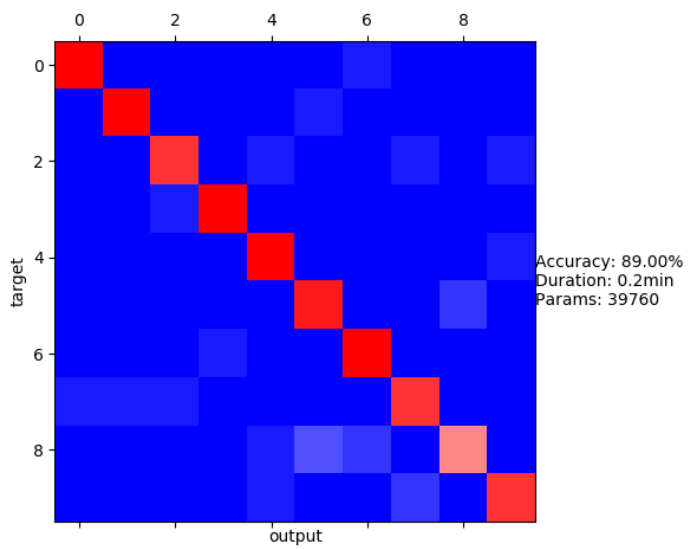


Training Progress

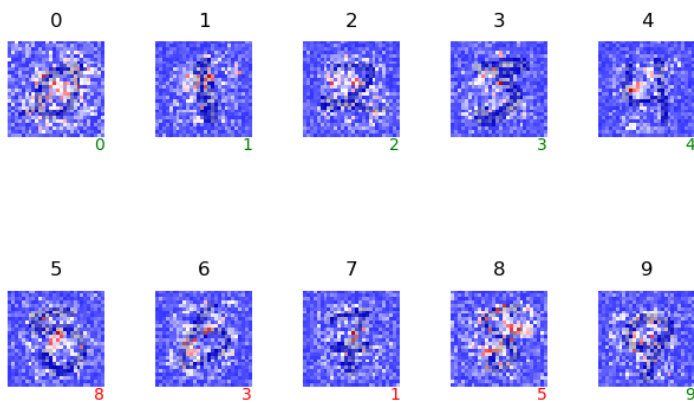


### ❖ Run 3

#### Confusion Matrix



#### Sensitivity Analysis



#### Training Progress

