Deep Learning Assignment 3

# In your own words, please describe the difference between under-fitting and overfitting?

In overfitting the model created performs extremely well on the training dataset but performs much worse on test data. In other words, the model does not generalize well and also describes noise. The model is extremely complex. In order to solve this we can introduce a regularization parameter or if the model is a neural network by reducing the hidden layers.

On the other hand, in underfitting, the model does not perform well on the training dataset too. In this scenario, the model must be made more complex.