

DL Assignment – II

Om Vaknalli (18376)

Model 1

The first model had 7 hidden layers with 30 nodes each and the 'relu' activation function. The model was compiled with the 'nadam' optimizer function and 'kullback_leibler_divergence' loss function.

The model was run for 10 epochs and the accuracy for the model was 97.1%.

Model 2

The second model had 7 hidden layers with 50 nodes each. The activation function was 'relu' again. However, the model was compiled with 'nadam' optimizer function and 'categorical_crossentropy' loss function.

Each layer had a dropout rate of 0.1 and an early stopping statement in case the model wasn't improving further in terms of the 'val_loss'.

The model was run for 20 epochs and the accuracy was 97.4%