**Day 26 – 28**

**What to do?**

Implement the theoretical knowledge in a practical problem.  
  
**Dataset**: Signs MNIST (Alphabetical ASL) (found on Kaggle)  
  
**Best Network**: Medium model worked the best till now (after all the implemented models for two days). Consists of 1 input layer with 784 features, two hidden layers with 128 nodes each and relu activation functions, and output layer with 25 nodes and softmax activation function.  
  
**Results**: 62.78% training accuracy and 62.7% validation accuracy. Though the accuracy is not as good, the good news is that the model is "just right". It does not have high variance. The only aspect is to work towards the bias.