**Day 22**

**What to do?**

Implement deep neural networks optimizers.  
  
Data: Fashion MNIST (imported from tensorflow data sets)

Network architecture: input layer, 1 hidden layer (128 neurons; relu activation), 1 output layer (10 neurons; softmax activation)

Optimizers: RMSProp, NAG, AdaGrad, AdaDelta, Adam, Momentum Gradient Descent

Best optimizer: Adam (accuracy - 89.12%)

Least/worst optimizer: AdaDelta (accuracy - 42.03%)