**Day 12**

**What to do?**

Implement activation functions and back propagation on a dataset.  
  
One of the best advantages of PyTorch or TensorFlow is that the back propagation is already taken care by the libraries imported and functions being called. However, we have to choose our activation functions for each layer.  
  
Dataset: Fashion MNIST (readily available in tensorflow datasets)  
  
Model: A simple 2-layer neural network that classifies the type of garment (10 classes).  
  
Accuracy: 90.8% training; 87.43% testing