

## ▪ **Construct a Machine Learning Task in PyTorch**

### • MiniProject

- Design your own MLP for handwritten digits classification to achieve at least 95% accuracy.
- Dataset: MNIST
- You could change hidden layer numbers, hidden unit size, activation functions, optimizers (web browser is your friend)
- Submit in Jupyter Notebook with necessary explanation and results. **REMEMBER TO SET THE RANDOM SEED** so that the results can be reproduced!
- Students achieved the top 3 accuracy will get bonus.
- Due: 13<sup>th</sup> October