Week 2 Assignment

- Train a Transformer model on the Fashion-MNIST dataset
- Requirements:
  - 1. Modify the code from section 4.1 on https://github.com/williamqwu/ml-tutorials-suite to train the ViT on Fashion-MNIST dataset.
  - 2. **[Optional]** Experiment with different training configurations, e.g., number of epochs, learning rate.
  - 3. Compare the performance of your Vision Transformer (ViT) with the CNN model you trained in week 1 focusing on final test accuracy.
  - 4. Write a brief report that includes: 1) your training setting (e.g., what configurations you've changed, what additional elements you've incorporated, if any), 2) comparison and analysis of performance between ViT and CNN, 3) **[Optional]** visualization to support your analysis (e.g., loss curve comparison)
- Submit a report in PDF format to wu.5677@osu.edu