Week 6-Session 1: Outline

1. **[Before Break: 50 mins] Theory on Deep Learning & Code**
    a. [10 min] Q&A.
    b. [10 mins] Start running the code CNN with Fashion-MNIST {1_W6S1_CNN_fashionMINIST.pdf}
    c. [15 min] Shallow vs. Deep models
    d. [15 min] Supervised vs. Unsupervised layer-by-layer pre-training procedures
2. **[After Break: 60 mins] Code Exercise**
    a. [20 min] CNN with Fashion-MNIST {1_W6S1_CNN_fashionMINIST.pdf}
    b. [30 min] CNN with CIFAR10 {2_W6S1_CNN_CIFAR10.pdf}
        i.   [15] Shallow vs. Deep CNN
        ii. [15] Hyperparameter tuning
    c. [10 min] Discussion, Q&A, closing

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