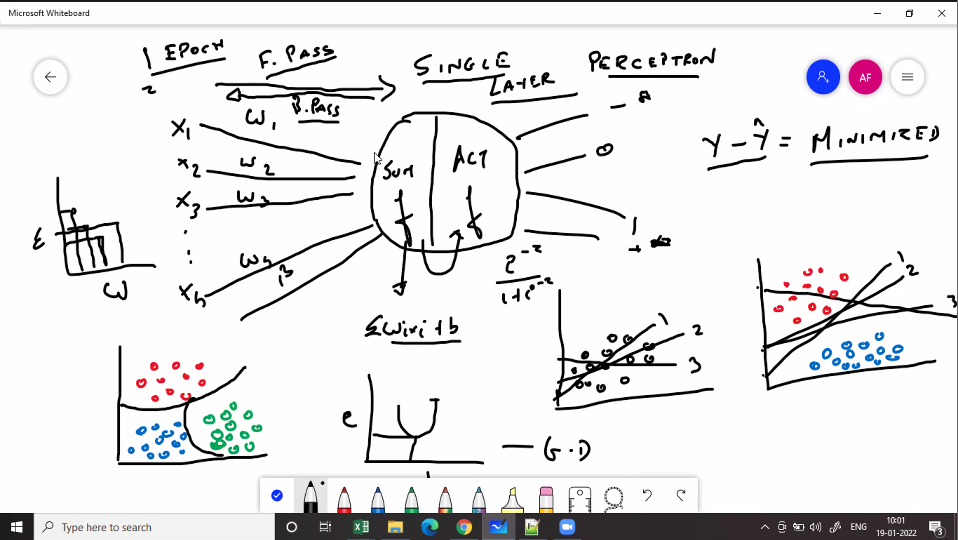
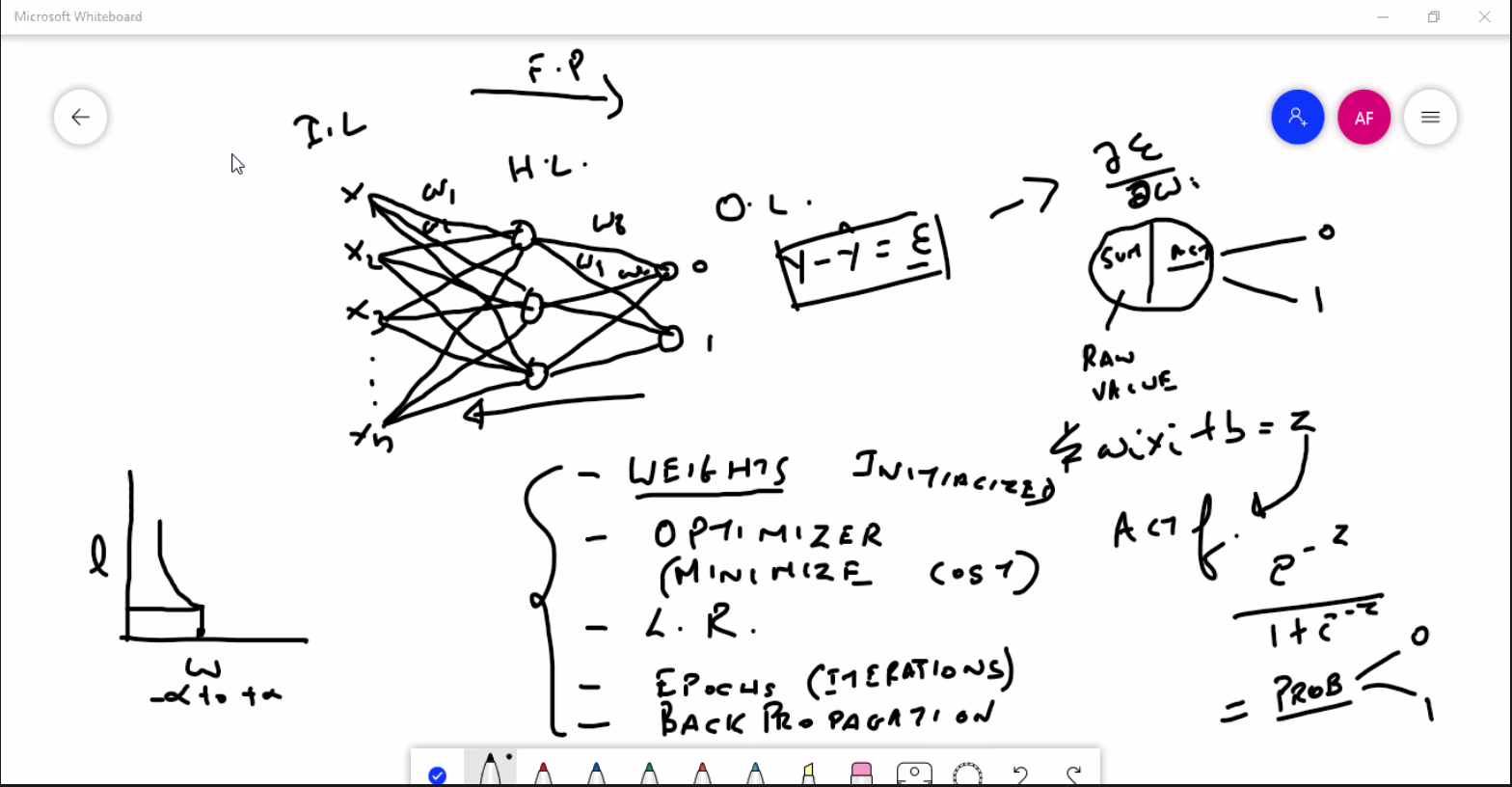
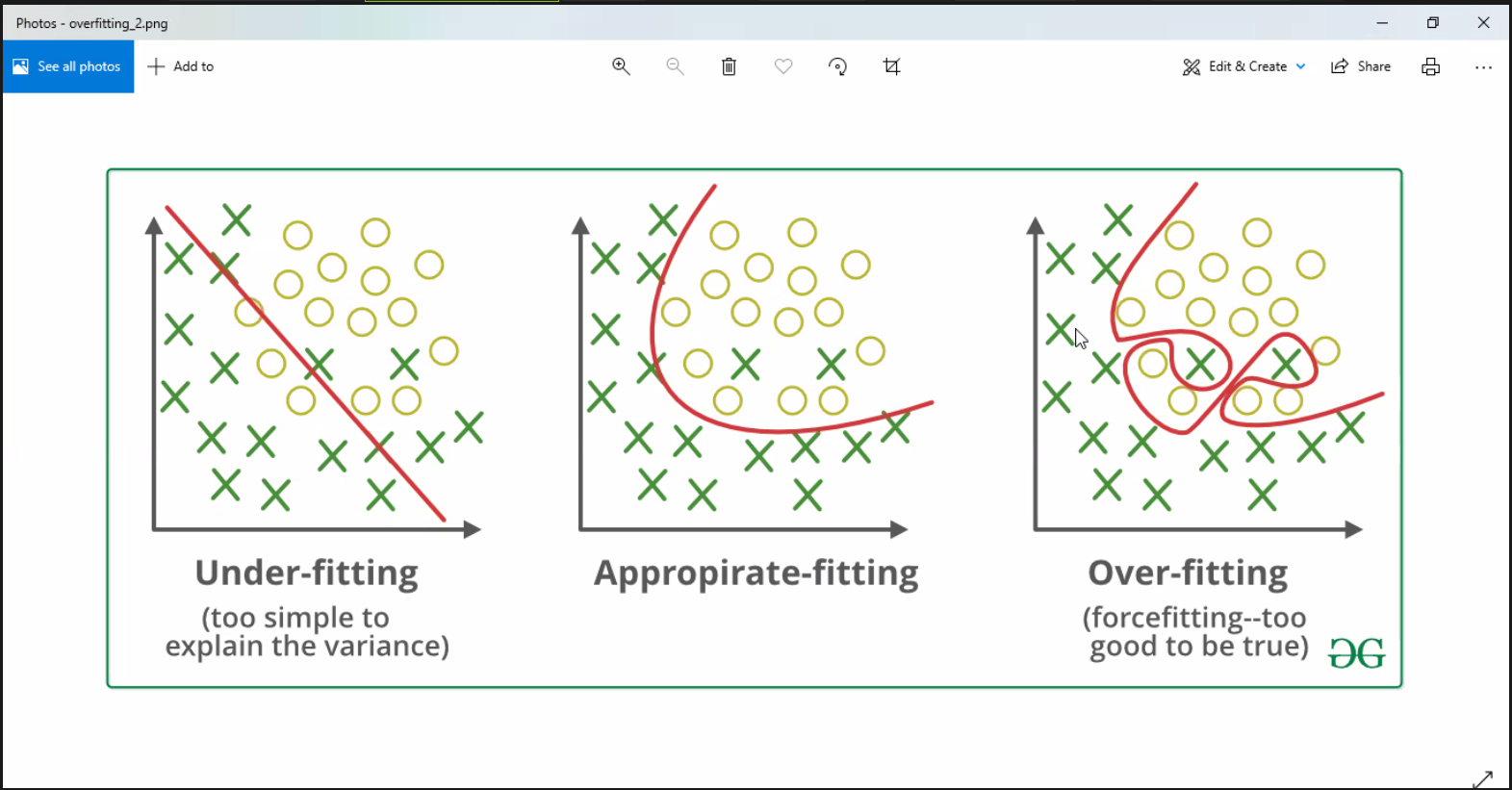
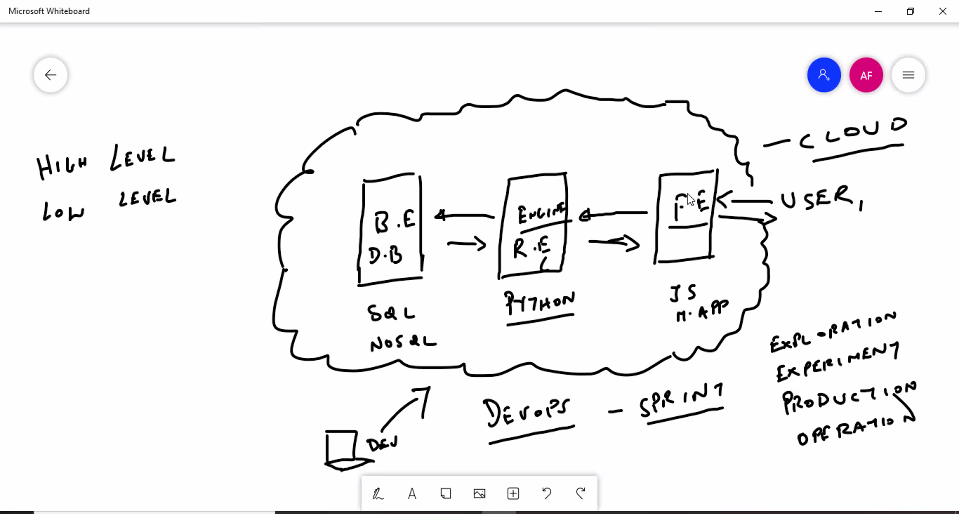
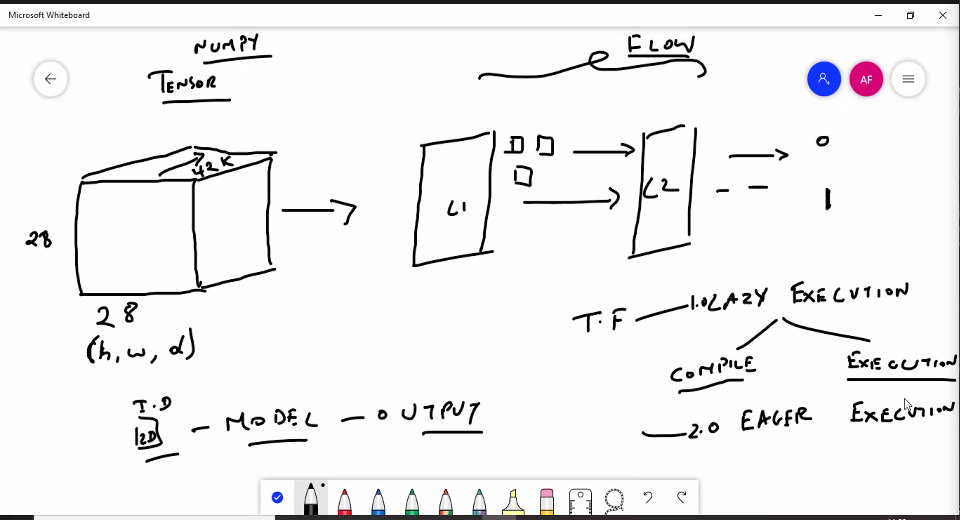
**Date: 18-01-2022 to 21-01-2022**



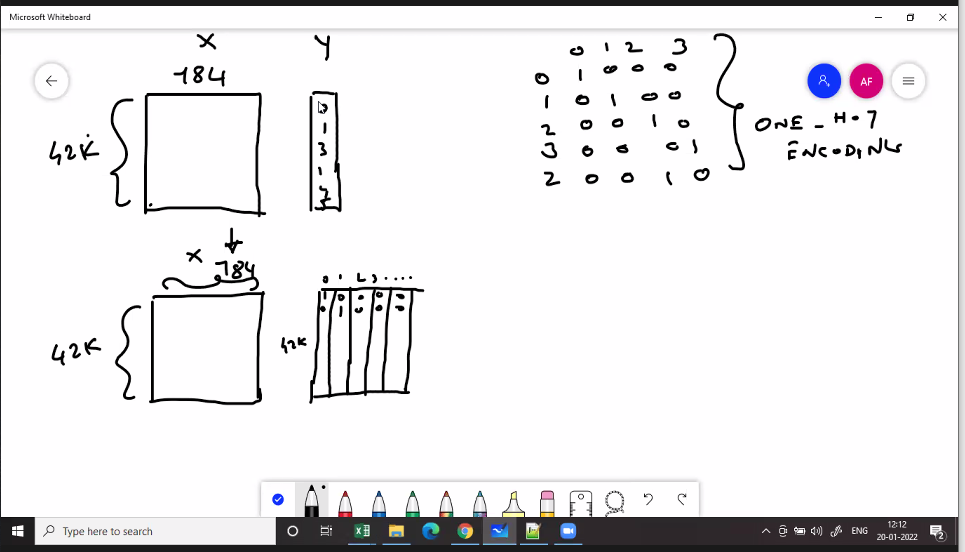


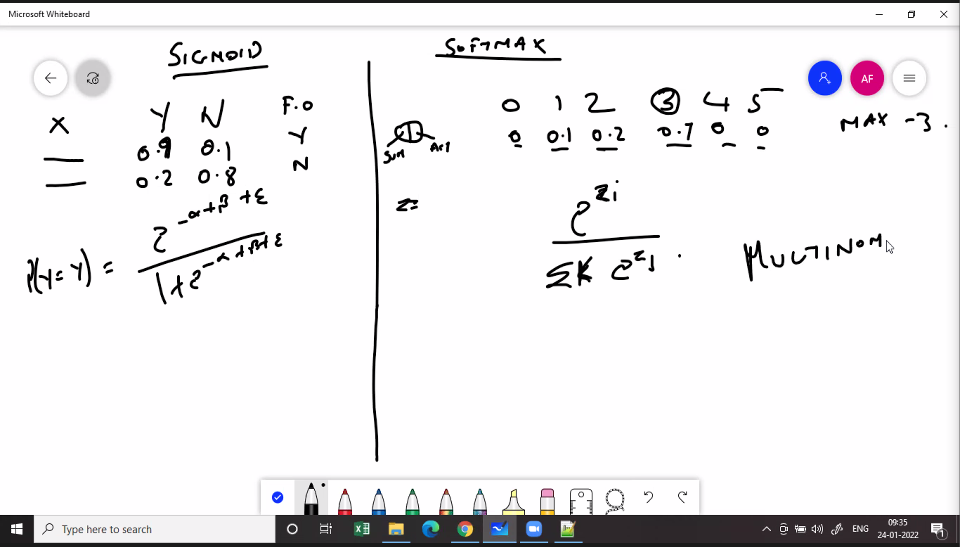


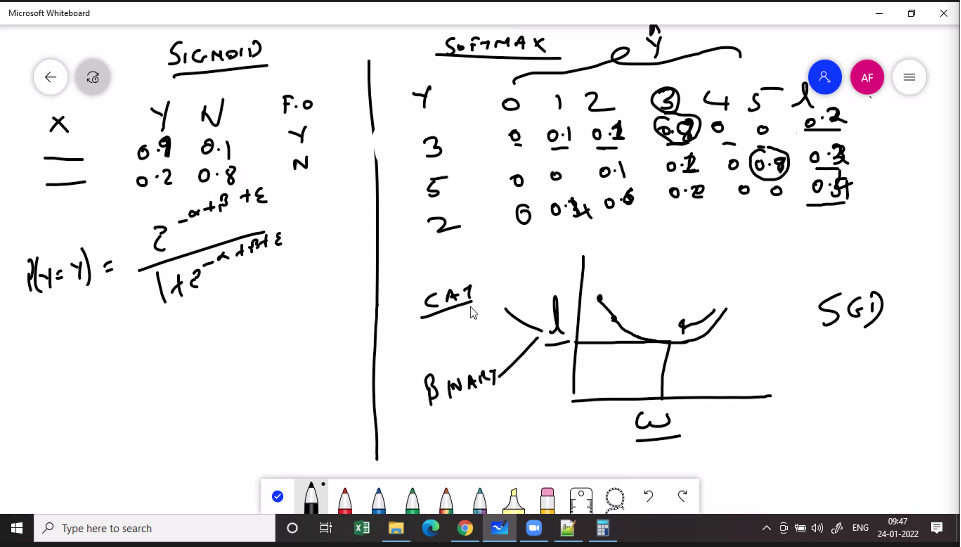


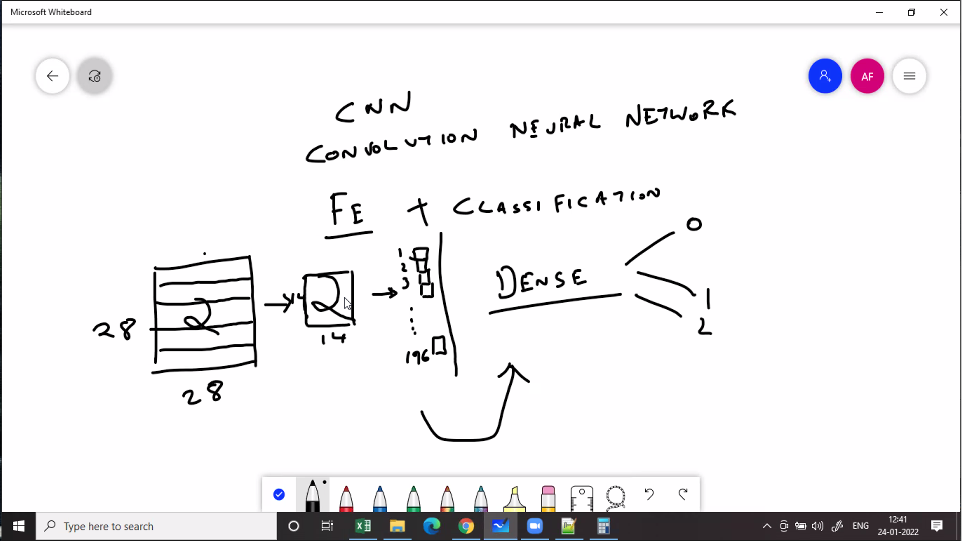


**Date: 25-01-2022**









Approach:1) Load the data and check shape of data2) Set up of data as tensors3) Initialize a model - Sequential: Sequence of layers - Functional: Multi models. Transfer learning (VGG16, VGG19, Inception..)4) Set up the layers - MLP: Dense Layers, Dropout, Regularization - CNN: Convolutional layers, Pooling layers, flatten etc. - RNN: Simple RNN Layer, Bi-directional RNN etc. - LSTM:.....5) Compile - Optimizer: SGD, ADAM - Loss Function: Regression or Classification - Accuracy: Classification problem - Checkpoint6) Fit - Train Dataset - Test dataset - Epochs (iterations) - Verbose: 1,2,3....7) Predict - predict for new data

**Date: 27-01-2022**

**CNN Architecture**

