**ECE 8527: Introduction to  
Machine Learning and Pattern Recognition**

# HW No. 12: Convolutional Neural Networks

Replicate the tutorial show here:

https://www.analyticsvidhya.com/blog/2021/08/beginners-guide-to-convolutional-neural-network-with-implementation-in-python/

Generate a table showing performance as a function of the frame size (4x4, 6x6, and 8x8) used in the input layer and the frame size used for the maxpooling layer (2x2, 3x3, 4x4). Include any other parameter tweaking you feel is interesting or informative ☺