**CS5560 Knowledge Discovery Management**

**In Class Assignment # 11**

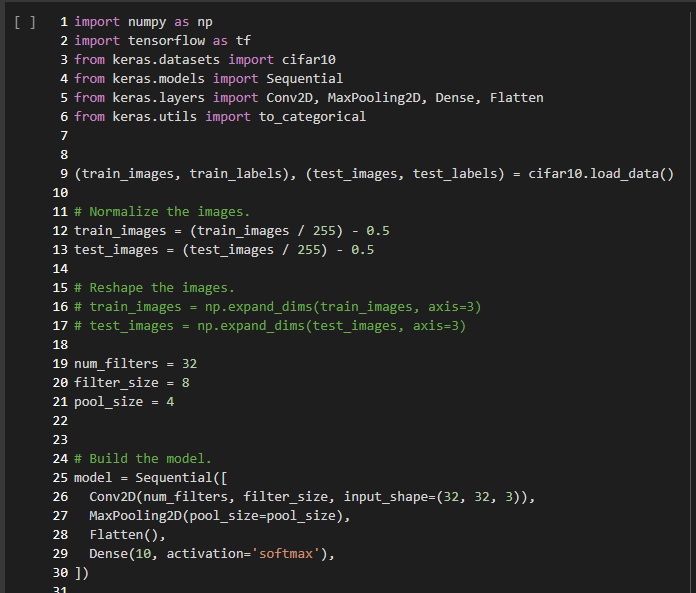
**16th April 2020**

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**ID**: 11

Perform the following:

1. Use the source code for CNN and run it on a different data set and report the following:
2. accuracy of the model
3. Describe the Data set
4. Hyper parameters that you have used
5. Any other observation that you have made

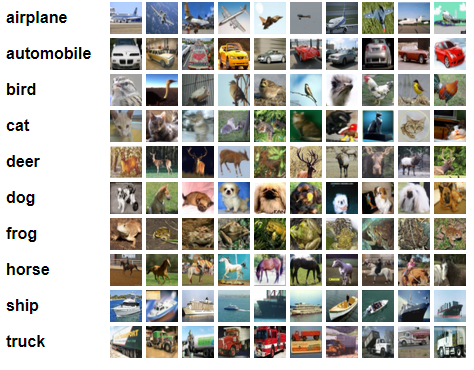
# CNN:



**CIFAR10**

**Input Size:** 32x 32 x 3

**Output Size**: 1 x 1



Hyperparams:

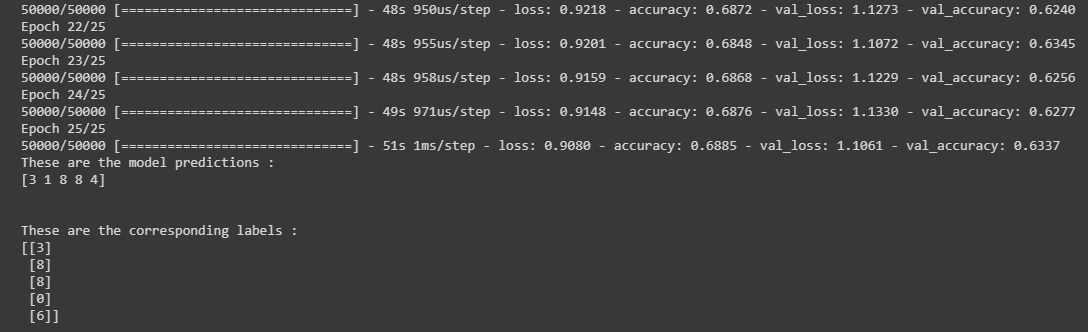
num\_filters = 32

filter\_size = 8

pool\_size = 4

input\_shape=(32, 32, 3)

**Results**:



# Autoencoder:

# 

**Results**:

