**PROJECT PROPOSAL:**

**IMAGE CLASSIFICATION ON CIFAR-10 DATASET**

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Introduction:

The purpose is to endeavour correctly classify image classes in the CIFAR-10 dataset using CNN (Convolution Neural Network). The language used in this project is Python (PyTorch).

Bibliography:

1)VERY DEEP CONVOLUTIONAL NETWORKS FOR LARGE-SCALE IMAGE RECOGNITION (Karen Simonyan & Andrew Zisserman Visual Geometry Group, Department of Engineering Science, University of Oxford {karen,az}@robots.ox.ac.uk)

2) <https://pytorch.org/tutorials/beginner/blitz/cifar10_tutorial.html>

3) <https://developers.google.com/machine-learning/crash-course/descending-into-ml/training-and-loss>

4) <https://machinelearningmastery.com/how-to-develop-a-cnn-from-scratch-for-cifar-10-photo-classification/>

5) https://www.cs.toronto.edu/~kriz/cifar.html