**Facial Recognition – Under Variants of Light Intensities**

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**Motivation:**

We are tackling the problem of “Face Recognition” through different using **Convolution Neural Network**. On the governmental level, **facial recognition** can help identify terrorists or any other criminals with the help of the **face** scan only. As for personal use, **facial recognition** can be used as a security tool for locking personal devices and for personal surveillance cameras.

**Methods and Experiments:**

We will be using **Convolution Neural Network** (keras.Sequential) We will be conducting the facial recognition experiments on different individuals dataset of faces under different intensities of lightand comparing the accuracy using libraries of ***Tenserflow, keras, matplotlib, and numpy.*** At last, we will plot accuracy graph and loss graph