

CSE523: Machine Learning

Faculty: Professor Mehul Raval

Group Name.: Code Rockers

Face Recognition & Attendance System

(Report File)

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**Things we have done:**

**Preprocess the data**

In preprocessing the data, We use X, Y coordinates to draw the bounding box. Bounding box coordinates are (x,y,h,w). Here h is height and w is Width.

**calculating gradients:**

Gradient is a directional change in the image intensity. We get pixels which change in the image intensity.

**Task to be performed next week:**

We will calculate the magnitude and orientation for each pixel value