

CSE523: Machine Learning

Faculty: Professor Mehul Raval

Group Name.: Code Rockers

Face Recognition & Attendance System

(Report File)

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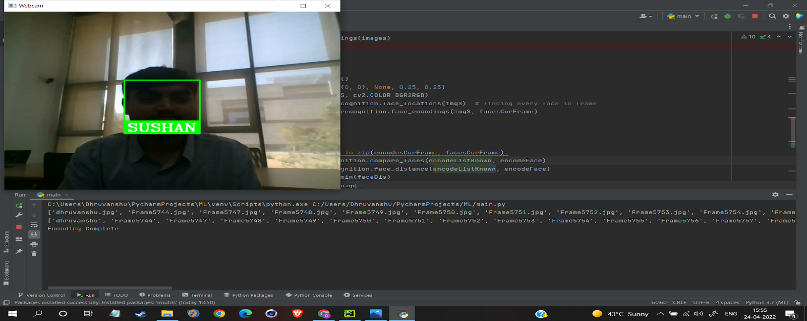
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**Things we have done:**

Preprocess the data

calculating gradients:

calculate the magnitude and orientation for each pixel value

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Now, we can detect face with HOG and recognize face through SVM classifier.

**Task to be performed next week:**

We will try multiple detection on same time.