**FACE MASK DETECTION USING PYTHON OPENCV (HAARCASCADE CLASSIFIER)**

**ABSTRACT:**

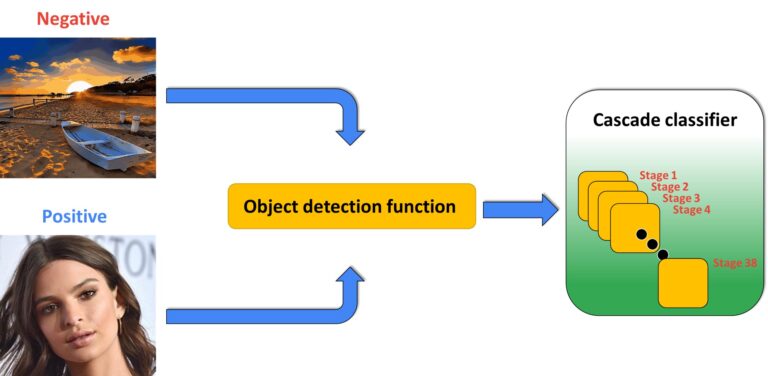
We live in this 21st century where everything seems to be possible with help of today’s technology. In this pandemic every Individual must be aware of ongoing situation and should wear a mask for their own safety and for the fellow people’s safety so as to ensure that we developed a program to detect whether a person wears a mask or not. This program resolves the human work by detecting the faces with/without mask by using python open cv (computer vision) with the help of HAARCASCADE classifier. Instead of having an employee to watch for people who were all unmasked we can use this program to simplify the work. It can be employed in the Super Markets, Enterprises, Industries, etc., to check upon the entry of people with or without mask.

**Tools used:**

* + OpenCV .
  + Cascade classifier trainer GUI.

**Cascade Classifier Working:**

**Pictorial Representation**

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