**ABSTRACT:**

Object detection is a central task in computer vision, with applications ranging across search, robotics, self-driving cars, and many others.

As deep network solutions become deeper and more complex, they are often limited by the amount of training data available.

With this in mind, to spur advances in analyzing and understanding images, Open CV or Google AI has publicly released the Open Images dataset.

Open Images follows the tradition of PASCAL VOC, Image Net and COCO, now at an unprecedented scale.

In this project we to implement the best performing algorithm for automatically detecting objects.

For example, we can take from the below image we can recognize notebook, glasses, laptop, coffee cup, and iPhone. But, computer cannot detect the objects in the image.