

- [Advanced feature Implementation](#)

# Advanced feature Implementation

---

Currently, the projects stands to only detect color detection, and utilizes edge detection to create isolated geometrics that signify the color of the object. To improve the project, I will be implementing further advanced features to the existing project. The main focus of the advanced feature implementation is to detect the other faces of the cube, which include a full set of 20 2-d pictures of real-life objects, such as a car, a dog, a cat, a house, a tree, a person, etc.

My advanced feature implementation will be submitted as a PDF document, which will include the following:

- a description of the advanced feature implementation
- methodology of the advanced feature implementation
- configuration code to load the models pre-trained on the advanced feature implementation
- code running camera in real-time, which captures the images that detects, recognizes, and classifies the objects with basic OpenCV annotations (rectangle, circle, etc.)