**REPOSITORY NAME - AI BASED CHANGE DETECTION**

**Aim**

The aim of this project is to present the AI based change detection system in videos and images taken from a Quadcopter and show the detected change Classifier for Vehicle, Tents and Tracks or bounding box.

The aim plus for the paper is to detect the objects in the changed detected area.

**Scope**

Following are the scope of this project:

(a) To study and understand python and various libraries of python related to AI based image processing, video processing and computer vision

(b) To study and implement Convolution Neural Network (CNN) and implement CNN for image processing and video processing, stated the images and videos are taken from a quadcopter

(c) To study and implement GUI framework (Tkinter) for creating GUI for AI based Change Detection

(d)To study and implement YoloV4 for object detection