

## **Assignment 10.1**

Write a report on YOLO for object detection, explain the process for implementing YOLO in python.

## **Assignment 10.2**

### **Problem Statement**

Object Detection for Bike Helmet

### **Data:**

Click 10-20 selfie images with and without a helmet.

*Note: Task 2 can be performed in a group of 3 students. Upload the notebook and result snapshots individually.*

### **Task:**

1. Perform the data annotation using labelling library on the clicked pictures.
2. Run the tutorial Tensorflow R-CNN hub library notebook in order to detect whether a person is wearing a helmet or not.
3. Download any highway or road video from the internet, and try to test your model.