**Human Behaviour and Abnormality Detection using YOLO and Conv2D Net**

*Sophia S, Joeffred Gladson J*

For this problem authors used two methods which are used to resolve one case:

* YOLO (You Only Look Once) – used for real-time object identification and localization inside an image or video. It works well for jobs involving the identification of abnormalities and human behavior, where real-time analysis is essential.
* Conv2D net is a variation of the Convolutional Neural Network architecture. Firstly, it learns characteristics from input image by using many layers of convolutional filters. After that, these features are sent to fully connected layers for categorization.

In this project, YOLO tracks the person and Conv2D net extracts the useful information.

The method was not implemented, so the accuracy of the method cannot be commented. Because of that there is no specific dataset to train and test the method. It is only assumed that YOLO and CONV2d net are two examples of deep learning models that require a large dataset with precise annotations in order to train.