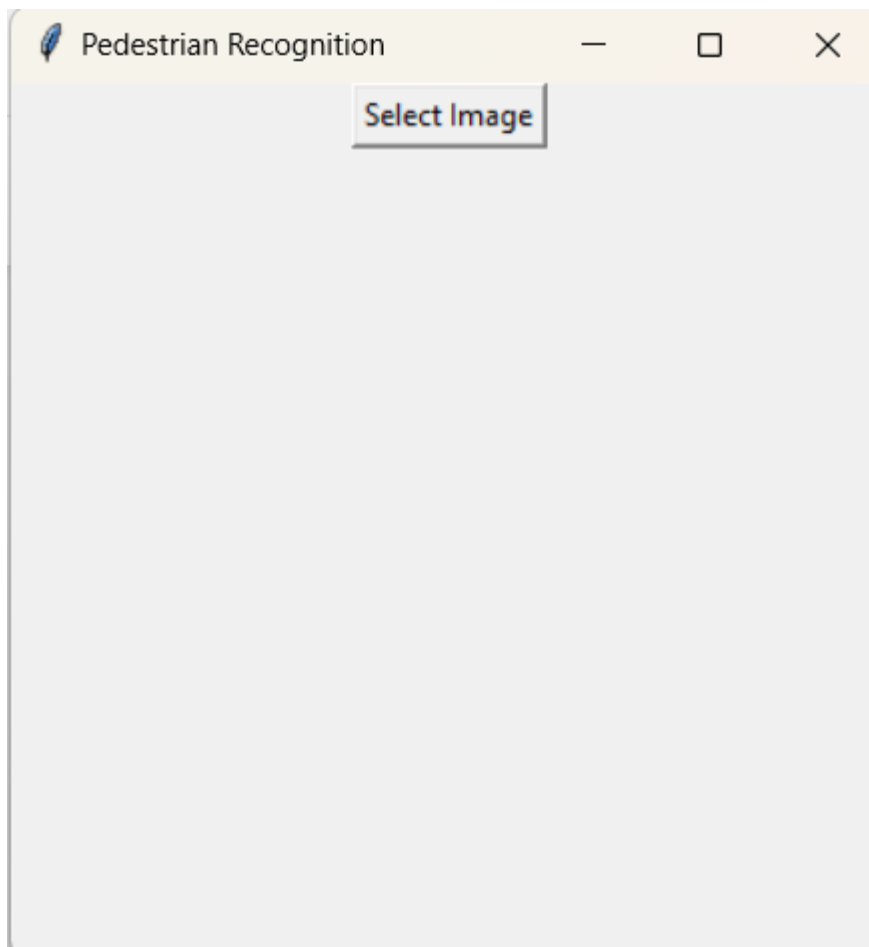


: Pedestrian Detection Model

Task: Create

How the task was implemented: In this task the approach taken was using open cv and using the HOG method to detect humans in a given image where it detected pedestrians on a street where the image were taken from Kaggle which had images of people top to toe either standing or walking this model takes input from the user where the user enters a proper image where the pedestrian is fully visible top to toe and not half images of people. It has a user interface to give input pictures to detect the pedestrian.

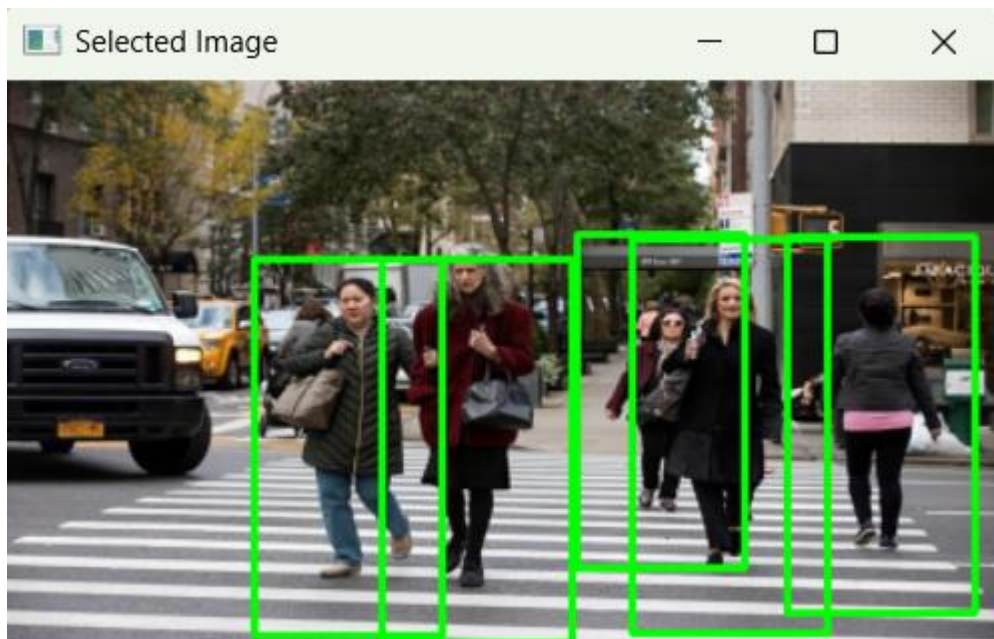
Interface



Input image



Output image



Links

[Histogram of Oriented Gradients explained using OpenCV \(learnopencv.com\)](https://learnopencv.com/histogram-of-oriented-gradients/)