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J018
B.Tech (Data Science) – 3rd Year
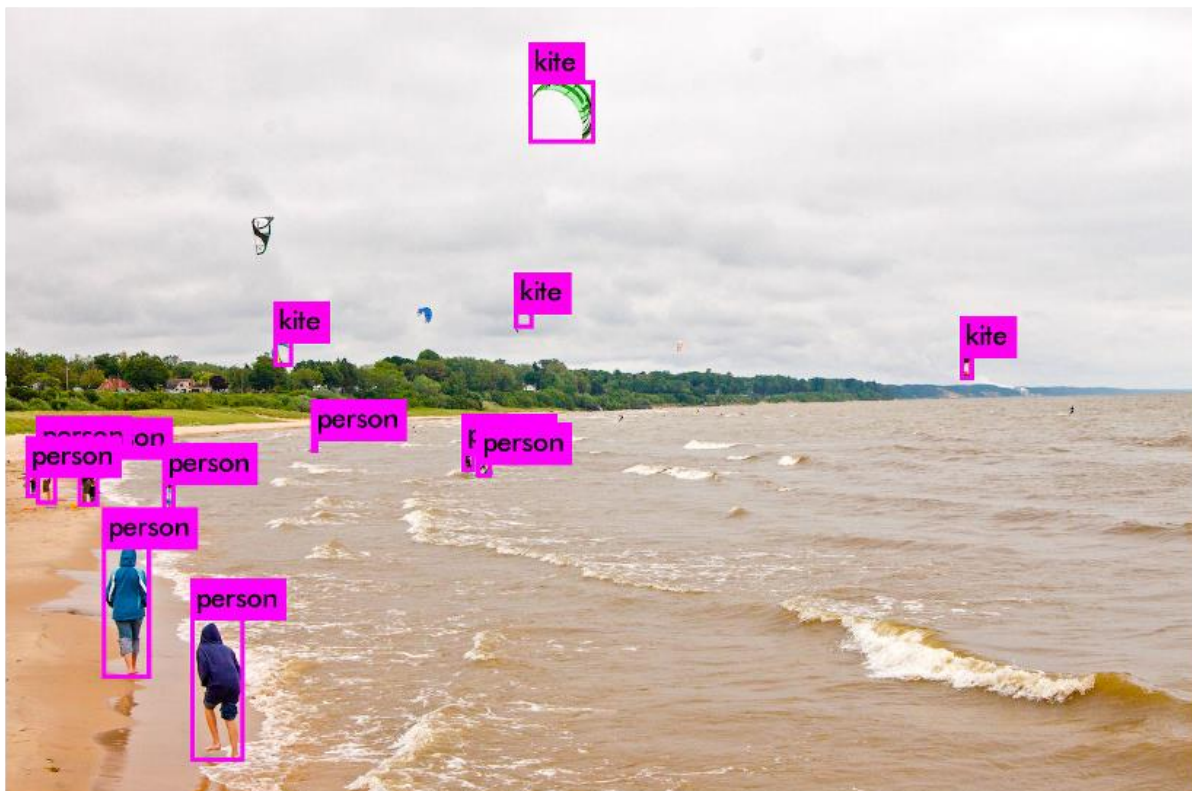**J1 Batch**

Practical- 8

Aim:
To learn and implement Object Recognition and Detection using YOLO real-time detection.

Observations:
- YOLO is used for real-time image Recognition and Detection.
- Darknet prints out the objects it detected, its confidence and how long it took to find them.
- Output typically looks like this:

```
Loading weights from yolov3.weights...Done!
data/kite.jpg: Predicted in 24.212417 seconds.
kite: 99%
kite: 84%
kite: 80%
kite: 73%
person: 100%
person: 100%
person: 97%
person: 96%
person: 95%
person: 91%
person: 88%
person: 85%
person: 52%
```

Inference:

Learnt about Image Recognition and Detection using YOLO and DarkNet.

The link for the code is:

https://github.com/visheshtechie/DL/blob/master/Lab8_Object_detection.ipynb