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**J009**

**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%

A picture containing sky, kite, outdoor

Description automatically generated

**Inference:**

Learnt about Image Recognition and Detection using YOLO and DarkNet.