



Course Name: Machine Learning

## Weekly Report: 1

Group No: 7

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## **Tasks completed during the week**

This week, we read a research paper on mugger crocodiles. We have searched on the different types of crocodile species. Also, we have gone through the UAV. Also, we have found some dorsal bodies of the mugger crocodile. There are many RCNN models of the mugger crocodile. Our group needed to use the YOLO (You only look once), so we saw some patterns of red circles on the dorsal body of a mugger crocodile.

## **Tasks planned for the coming week**

For the next week, we plan to do more research on the types of muggers in the research paper and find the technologies we will use to extract details from the image set and modes to make decisions about the mugger type.