

**CSE641: Computer Vision : Modern Methods and Applications**

**Group: RCNN**  
**Project no.:13**

Weekly Report 4

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<b>Name</b>	<b>Enrollment number</b>
Sloka Thakkar	AU2240103
Daksh Shah	AU2240207
Shalvi Modi	AU2240215

**Task completed:**

- Train YOLO on the training dataset for further improvement.
- Finding the similarity indexes between the 143 classes dataset provided.
- Preparing the csv file from yml data provided for systematic analysis.
- Verify YOLOv11's detection accuracy by running the model on test images.
- Adjust hyperparameters and train YOLOv11 to optimize performance.

**Goals for Next week:**

- Compare ML model and CV model for classification.
- Observe and note the timings of the model implemented.