## Computer Vision Graded Assignment

**Objective**

Process the video “toycars.mp4” using DeepStream.

“toycars.mp4” is extracted from first 15 second of <https://www.youtube.com/watch?v=ucEG-uM5v_0>

**Grading rubrics – Total 50 marks**

20 marks – Able to process the video using DeepStream.

5 marks – Use an appropriate pre-trained TAO model.

15 marks – Train a TAO model to detect toy cars.

10 marks – Use the trained TAO model in DeepStream to process the video.

**Submission**

1. The submission will include the following files:
   1. Signed “Academic\_Honesty\_&\_Plagiarism\_SOI.pdf”
   2. The processed mp4 file
   3. Configuration text file for the DeepStream
   4. Jupyter Notebook for the TAO Training
2. Submission deadline is **11th May 2022, 23:59.**