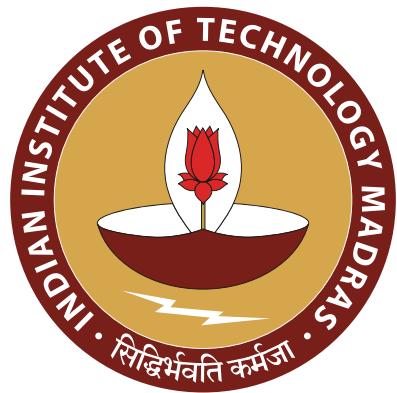


# Segmentation module for autonomous car



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Report for 19<sup>th</sup> April - 25<sup>th</sup> April

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# Overview

This is a report of the Segmentation module for autonomous car. This contains the progress made by me on the project in the from of 19<sup>th</sup> April - 25<sup>th</sup> April.

## Progress made

### 1) Modified the code to process videos

Used the previously built model and modified the code such that it can now process the videos. The below are some screenshots from the video that was given in the test and the prediction over it.

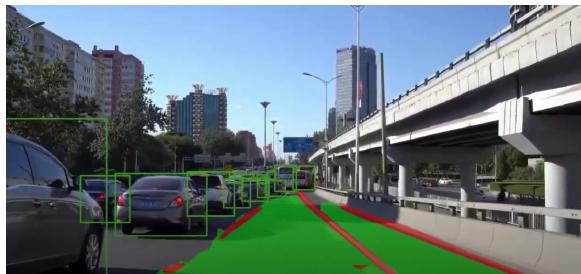


Figure 1: Input image

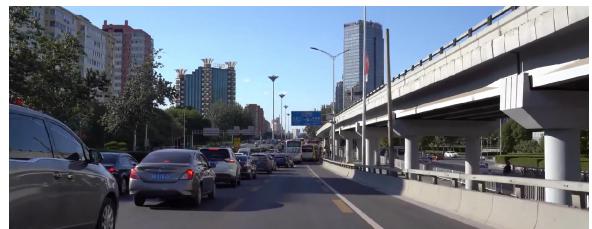


Figure 2: Prediction



Figure 3: Input image



Figure 4: Prediction

Tested it over two videos and the links to the results are as given here.

### 2) Converted the code from colab file to local computer

Initially we used the code from colab file and that might not be useful when we work over the device. But now as it is written in the local computer it can readily accessed and we can now integrate with the car. Also, GPU's and other processing devices can now utilize the code.

## Conclusion

The code is now ready and we can now integrate it with the car and test and find how it works and then again reiterate to bring upon the necessary changes.

## **Time track**

The time track of the project is as follows

1. Reading upon the code closely to find the necessary video processing (5 hours)
2. Finding several videos for testing (2 hours)
3. Testing the model (2 hours)
4. Converting the code to local computer (4 hours)
5. Report Writing (2 hours)

THE END  
THANK YOU

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