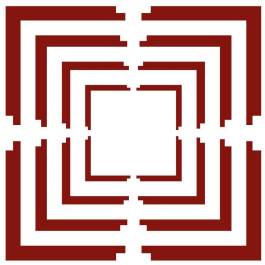

Ahmedabad
University

CSE 541 Computer Vision

Progress Report:

Distracted Driver Detection

Group Details:

Abraca-data

Sr. No.	Name	Enrollment Number
1	Vinay Kakkad	AU1940012
2	Bhavya Peshavaria	AU1940204
3	Nandini Bhatt	AU1940283
4	Mananshi Vyas	AU1940289

Tasks performed this week

- We made following edits in our PPT
    - citing claims and statistics
    - specified hyperparameters such as learning rate & optimizers
    - labeled the results
    - added sample images from dataset
- We made following edits in our Report
    - citing claims and statistics
    - specified hyperparameters such as learning rate & optimizers
    - labeled the results
    - added EDA results
- Learned about VGG architecture

Outcomes of the task performed this week

- Learned how the VGG model could be applied on our dataset.
- Since we faced many computational and debugging issues with Fastai, we'll now use Pytorch library

Tasks to be performed in the upcoming week

- Try to implement VGG architecture on our training data

Important Links

- https://towardsdatascience.com/a-comprehensive-hands-on-guide-to-transfer-learning-with-real-world-applications-in-deep-learning-212bf3b2f27a
- https://towardsdatascience.com/illustrated-10-cnn-architectures-95d78ace614d
- https://cs231n.github.io/convolutional-networks/
- https://pytorch.org/tutorials/beginner/basics/intro.html