

# CV Report 8

**Teacher:** Prof.Mehul Raval

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- Team : The Weekenders
- Members :
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## **Task Performed in this week :**

This week we were selecting specific challenging condition data from full data because the whole data is very large and will result in very difficult to train. And for training we uploaded the data to the google drive so that from there we can easily access the data. And also we started writing code for training data.

## **Outcomes :**

```
✓ 28m # copying file from drive the drive

!rm -rf /content/test
!cp -r /content/gdrive/Othercomputers/BFMC/Bfmc_ahduni/data /content/data

✓ 2s [9] train_ds = tf.keras.utils.image_dataset_from_directory(
    directory='/content/data/training_data',
    labels='inferred',
    class_names=['bicycle', 'goods_vehicles', 'hump', 'no_entry', 'no_left', 'no_overtaking',
    label_mode='categorical',
    batch_size=64,
    image_size=(224, 224))
validation_ds = tf.keras.utils.image_dataset_from_directory(
    directory='/content/data/testing_data',
    labels='inferred',
    class_names=['bicycle', 'goods_vehicles', 'hump', 'no_entry', 'no_left', 'no_overtaking',
    label_mode='categorical',
    batch_size=64,
    image_size=(224, 224))

Found 72918 files belonging to 14 classes.
Found 33340 files belonging to 14 classes.
```

## Tasks to be performed next :

We will train the data next week.