

Project data set

- ▶ Huge amount of data (approx. a year) is available. You will be given access to multiple videos - different dates, different times. If you need more - ask.
- ▶ You will have to do pre-processing and basic image processing. Cooperation between groups will be very useful here.
- ▶ Data is not labelled. Do cooperative or crowd-sourced labelling.

What is possible?

- ▶ Separate foreground frames from background frames.
With very high (close to 100%) accuracy and in real time.
- ▶ Classify different objects in the videos - pedestrians, vehicles, other.
- ▶ Fine grained classification vehicle type (2/3/4/more wheelers).
- ▶ Ultra-fine grained 2 wheels - cycles/motor cycles/scooters, 3 wheels - auto/tempo.
- ▶ Ultra-fine for 4w - make, detect and read registration-no.
- ▶ Fine grained for pedestrians (who - detect and recognize faces) or new/old (new face or has been seen before).
- ▶ Other - use your imagination.