Object detection through TensorFlow

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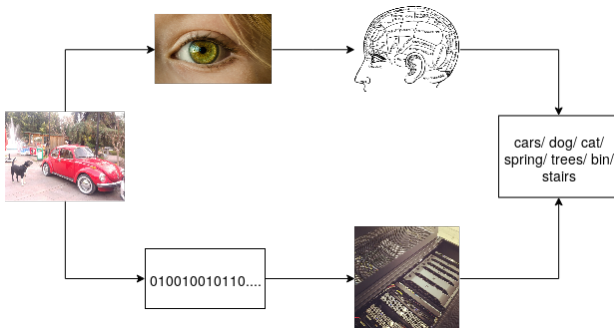# Content

What is computer vision?

▶ Images are a bunch of colored dots (pixels)

▶ Videos and Streams are a bunch of those images in a loop

▶ Easily understood by the brain, impossible for the computer

Current object detection models

- Faster R-CNN
- SSD
- Yolo

TensorFlow

Data model of TensorFlow

- ▶ Training results per session stored in Checkpoints
- ▶ Results can be consulted on Tensorboard

Application workflow