Self Driving Cars

Greg Fousas, h2o.ai

Self-driving car = Robot

camera

radar

lidar

Collect data

Analyse

Make decisions

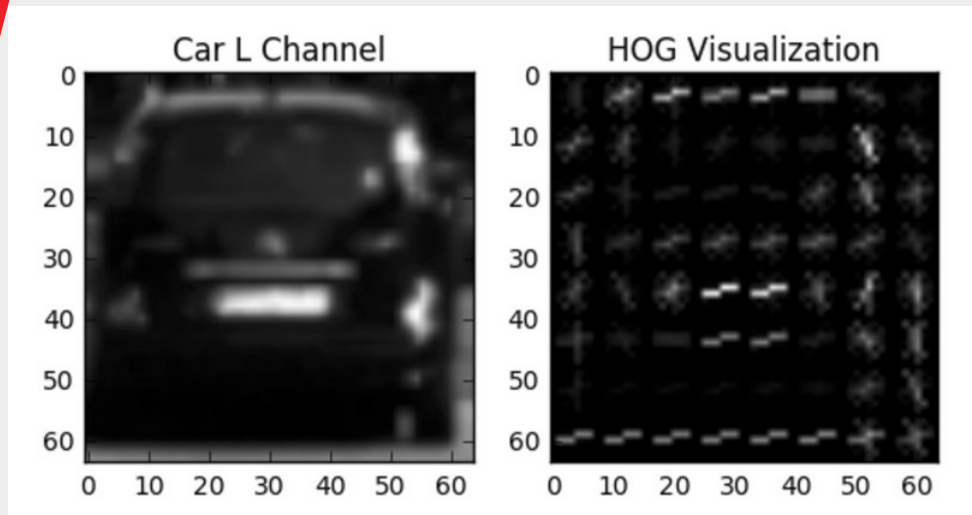# Computer Vision - Lane finding

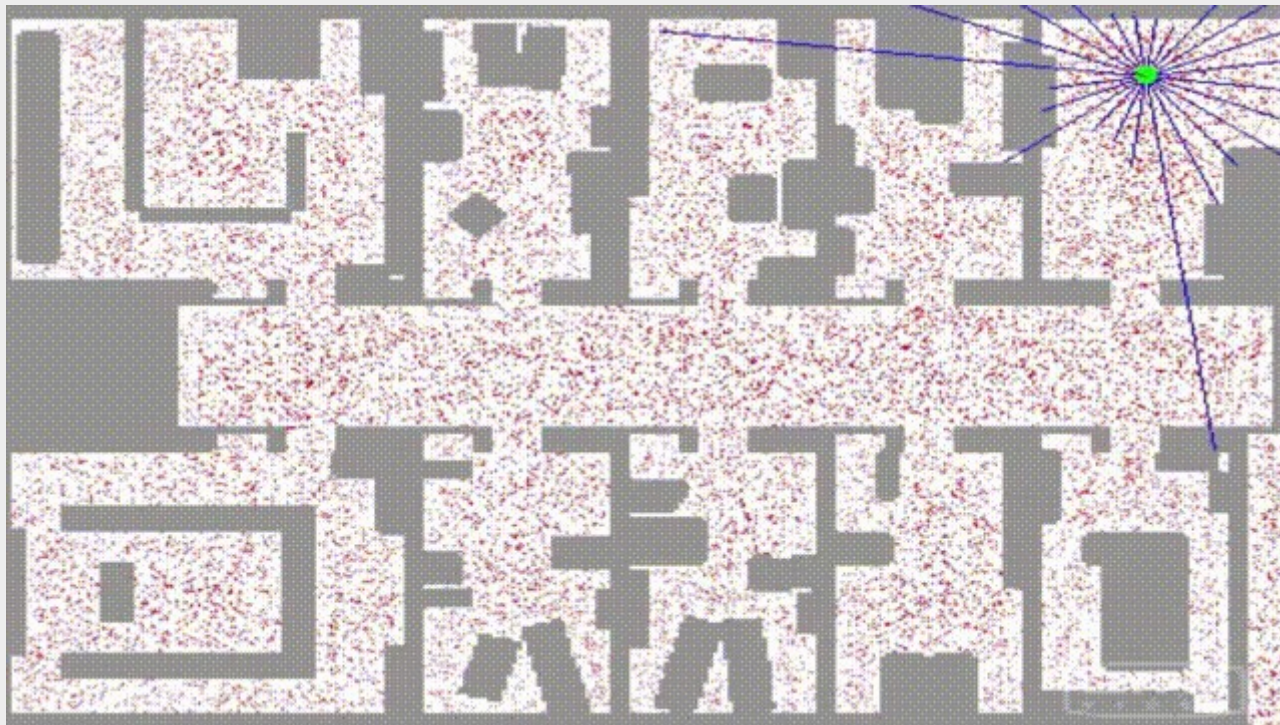# Neural Networks – Signs classifier

Neural Networks - Behavioural cloning

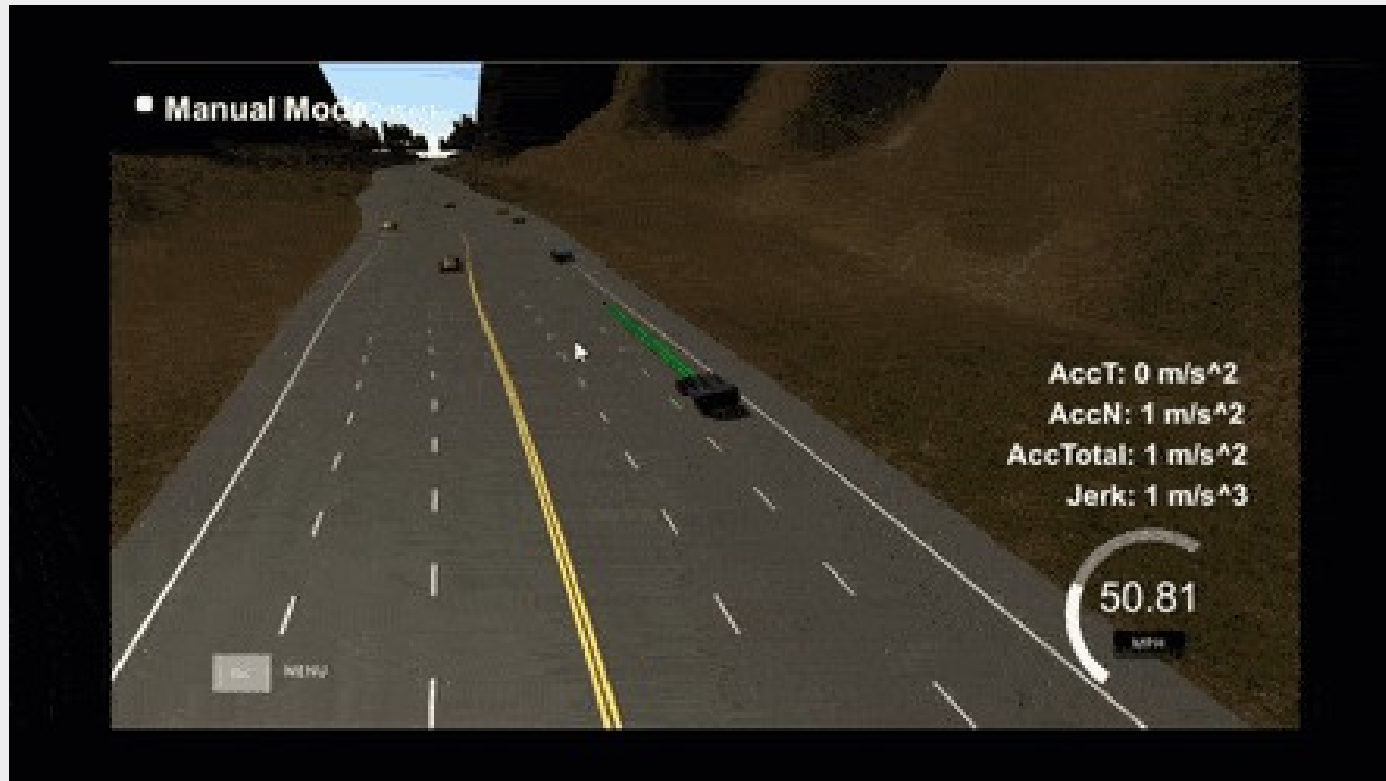# Machine Learning using HOG features – Vehicle Detection

Sensor Fusion & Localization

Taken from Udacity Self-Driving cars program, Term 2, lesson 13

Path planning

Taken from Udacity Self-Driving cars program, Term 3, Path planning project