

Basic Driving Agent

The basic driving agent picks a random action from all legal actions available. It does not seem to reach the goal.

Choice of States

I choose my state as a tuple with information about light, oncoming, left, right and next_waypoint. With this state I can preserve all available information about the car location and environment.

Q-Learning

Using Q-learning the smartcab seems to make better decision than basic driving agent. Although many times it gets stuck in the corner and is not able to come out of the state.