



## Machine Learning Puzzle

The objective of this puzzle is to show your ability to write code, collect data, and develop ML algorithms. You will use a virtual environment from AI Gym called Mountain Car. In this environment you control a two dimensional car stuck between two hills. Typically this problem is used for exploring reinforcement learning algorithms. You are welcomed to train a neural network to solve this problem, or you can consider come hand-crafted algorithm. The key point is for you to demonstrate how you reason about data collection and algorithm development.

Installation instructions:

<https://gym.openai.com/>

Virtual environment information:

<https://github.com/openai/gym/wiki/MountainCar-v0>