video

<https://www.youtube.com/watch?v=dpBKz1wxE_c>

Better Code with no testing code(great training accuracy) :(someone learn tensorflow2 and write it using link 3)

https://github.com/the-computer-scientist/OpenAIGym/blob/master/DeepQNetworksInOpenAIGym.ipynb

Code used:

<https://github.com/udacity/deep-learning/blob/master/reinforcement/Q-learning-cart.ipynb>

**Courseera course**

[**https://www.coursera.org/learn/practical-rl/home/welcome**](https://www.coursera.org/learn/practical-rl/home/welcome)

**OpenAI Gym leaderboard**

[https://gym.openai.com/evaluations/](https://gym.openai.com/evaluations/eval_EIcM1ZBnQW2LBaFN6FY65g/)

**RL Algorithms**

**Theory**

<https://towardsdatascience.com/introduction-to-various-reinforcement-learning-algorithms-i-q-learning-sarsa-dqn-ddpg-72a5e0cb6287>

**Codes (TensorFlow)**

<https://github.com/dennybritz/reinforcement-learning>

**QN/DQN**

**Intro**

<https://towardsdatascience.com/cartpole-introduction-to-reinforcement-learning-ed0eb5b58288>

<https://medium.com/@jonathan_hui/rl-dqn-deep-q-network-e207751f7ae4>

<https://medium.com/@unnatsingh/deep-q-network-with-pytorch-d1ca6f40bfda>

**Using pytorch**

<https://pytorch.org/tutorials/intermediate/reinforcement_q_learning.html>

**Using keras**

[Reinforcement Learning w/ Keras + OpenAI: DQNs](https://towardsdatascience.com/reinforcement-learning-w-keras-openai-dqns-1eed3a5338c)

**Bellman Equation Explanation**

<https://www.youtube.com/watch?v=14BfO5lMiuk>

Keras-rl

<https://hub.packtpub.com/build-reinforcement-learning-agent-in-keras-tutorial/>

<https://keon.github.io/deep-q-learning/>

<https://muetsch.io/cartpole-with-a-deep-q-network.html>