Module 8 Assignment

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CS: 370 Mobile Architect and Programming

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* Briefly explain the work that you did on this project: What code were you given? What code did you create yourself?

For this project I was given starter code which consisted of TreasureMaze.py and GamExpierence.py. Using this starting point, I created a Q-learning algorithm and imported Keras and Tensorflow libraries which created a loop of epochs that ran until the correct path was found.

* Connect your learning from throughout this course to the larger field of computer science:
  + What do computer scientists do and why does it matter?
* Computer scientists identify new issues and solve current issues by exploiting the capabilities of technology. This matter as it helps mankind identify and solve problems much faster than previously thought possible.
  + How do I approach a problem as a computer scientist?
* As a computer scientist I solve problems by first analyzing the issue at hand. Next, I determine the most logical approach to reach the goal. From here, I begin to work on my solution, i.e., coding. After this, I test it thoroughly until it reaches an acceptable threshold.
  + What are my ethical responsibilities to the end user and the organization?
* My ethical responsibilities to both end users and hiring organizations are to submit completed work that is within the agreed upon, and acceptable, error range. Also, I have an obligation to get my work done in a timely manner, based on degree of difficulty and scope of project.