

Welcome

Introduction

Review

Reading: Lecture Slides
20 min

Quiz: Introduction
5 questions

Model and Cost Function

Parameter Learning

Review

Linear Algebra Review

Review

🎉 Congratulations! You passed!

Grade received 80% To pass 80% or higher

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Due Sep 19, 11:59 PM PDT Attempts 3 every 8 hours

Try again

Introduction

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1. A computer program is said to learn from experience E with respect to some task T and some performance measure P if its performance on T, as measured by P, improves with experience E.

Suppose you had a learning algorithm that learned to predict weather data, and have it learn to predict weather. What would be a reasonable choice for P?

👉 Correct

2. Suppose you are working on weather prediction, and you would like to predict whether or not it will be raining at 5pm tomorrow. You want to use a learning algorithm for this. Would you treat this as a classification or a regression problem?

👉 Correct

3. Suppose you are working on stock market prediction, and you would like to predict the price of a particular stock tomorrow (measured in dollars). You want to use a learning algorithm for this. Would you treat this as a classification or a regression problem?

👉 Correct

4. Some of the problems below are best addressed using a supervised learning algorithm, and the others with an unsupervised learning algorithm. Which of the following would you apply supervised learning to? (Select all that apply.) In each case, assume some appropriate dataset is available for your algorithm to learn from.

👎 Incorrect

5. Which of these is a reasonable definition of machine learning?

👉 Correct

Your grade 80% 5 / 1 point

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