Introduction

Quiz, 5 questions

4/5 points (80%)

✔ Congratulations! You passed!

Next Item

✔ 1 / 1 points

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 we feed a learning algorithm a lot of historical weather data, and have it learn to predict weather. What would be a reasonable choice for P?

✔ 1 / 1 points

2.
Suppose you are working on weather prediction, and use a learning algorithm to predict tomorrow's temperature (in degrees Centigrade/Fahrenheit).

Would you treat this as a classification or a regression problem?

✔ 1 / 1 points

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?

✖ 0 / 1 points

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.

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