

✓
Welcome

Introduction

TO PASS 80% or higher

Review

Model and Cost Function

Parameter Learning

✓
Video: Gradient Descent

11 min

LATEST SUBMISSION GRADE

100%

✓
Reading: Gradient Descent

3 min

✓
Video: Gradient Descent

1. Consider the problem of predicting how well a student does in her second year of college/university, given how well she did in her first year.

Intuition

1 min

✓
Reading: Gradient Descent

Specifically, let x be equal to the number of "A" grades (including A-, A and A+ grades) that a student receives in their first year of college (freshmen year). We would like to predict the value of y , which we define as the number of "A" grades they get in their second year (sophomore year).

Intuition

3 min

✓
Video: Gradient Descent For Linear Regression

Here each row is one training example. Recall that in linear regression, our hypothesis is $h_{\theta}(x) = \theta_0 + \theta_1 x$, and we use m to denote the number of training examples.

1 min

✓
Reading: Gradient Descent

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Video: Gradient Descent

Linear Regression with One Variable

5 min

✓
Linear Algebra Review

For the training set given above (note that this training set may also be referenced in other questions in this quiz), what is the value of m ? In the box below, please enter your answer (which should be a number between 0 and 10).

1 min

✓
Video: Matrices and Vectors

8 min

✓
Reading: Matrices and Vectors

2 min

✓
Video: Vectors and Scalar

1 min

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Keep Learning

GRADE

100%



Get closer to your goal

You are 38% more likely to complete the course if you finish the assignment

Submit your assignment

DUE DATE

Sep 21, 1:59 PM +07

ATTEMPTS

3

Try again

✓
Receive grade

TO PASS 80% or higher

Grade

100%

View Feedback

We keep your highest score

✓
Video: Matrices and Vectors

8 min

✓
Reading: Matrices and Vectors

2 min

✓
Video: Vectors and Scalar

1 min