

- Welcome
- Introduction:
 Machine
 Learning
 concepts

Introducing machine-learning concepts

Quiz Intro

- Module 1. The Predictive Modeling Pipeline
- Module 2.Selecting the best model
- Module 3.Hyperparameter tuning
- Module 4.Linear Models
- Module 5.Decision tree models
- Module 6.Ensemble of models

☑ Quiz Intro.01

Given a case study: pricing apartments based on a real estate website. We have thousands of house descriptions with their price. Typically, an example of a house description is the following:

"Great for entertaining: spacious, updated 2 bedrooms, 1 bathroom apartment in Lakeview, 97630. The house will be available from May 1st. Close to nightlife with private backyard. Price ~\$1,000,000."

We are interested in predicting house prices from their description. One potential use case for this would be, as a buyer, to find houses that are cheap compared to their market value.

Note: For each question **make sure you select all of the correct options**— there may be more than one!

Question 1 (1/1 point)

What kind of problem is it?

- a) a supervised problem
- \Box b) an unsupervised problem
- \Box c) a classification problem
- d) a regression problem



Select all answers that apply

You have used 1 of 2 submissions



model performance

- ▶ Conclusion
- Appendix

- a) the number of rooms might be a feature
- ☑ b) the post code of the house might be a feature
- \Box c) the price of the house might be a feature



Select all answers that apply

You have used 1 of 2 submissions

Question 3 (1/1 point)

What is the target variable?

- a) the full text description is the target
- b) the price of the house is the target

You have used 1 of 1 submissions

Question 4 (1/1 point)

What is a record (a sample)?





c) each kind of description (as the house size) is a record

You have used 1 of 2 submissions

YOUR EXPERIENCE

According to you, this whole 'Introducing machine-learning concepts' lesson was:

	Adapted	l to my skills	79%
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Too easy, I got bored15%

Difficult but I was able to follow

Too difficult

Submit

Results gathered from 205 respondents.

To follow this lesson, I spent:

less than 30 minutes	879	%
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30 min to 1 hour

1 to 2 hours
2%

more than 4 hours

2 to 4 hours

Submit

Results gathered from 211 respondents.

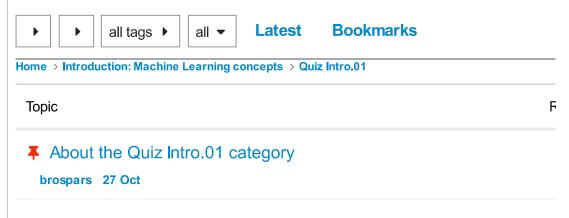






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FORUM (EXTERNAL RESOURCE)



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