3. Introduction

Exercises due Oct 14, 2020 05:29 IST *Completed*

Introduction; Lecture Overview

0:00 / 0:00 1.25x

Start of transcript. Skip to the end.

So today we will talk about linear regression.

And I would like to remind you, our general

supervised framework, and so far we

can see that in the case of classification.

So let's look back at the role of classification

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Introduction Exercise

1/1 point (graded)
Which of the following is true about linear regression? Choose all those apply.

- [x] The observed value, y, is a real number. i.e. $y \in \mathbb{R}$
- [x] The predictor f is a linear function of the feature vectors. i.e. $f(x) = \sum_{i=1}^{d} \theta_i x_i + \theta_0$
- [ ] The observed value y is a discrete integer.
- [ ] The observed value y is a category, as in classification.

Submit You have used 1 of 3 attempts

Discussion

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Topic: Unit 2 Nonlinear Classification, Linear regression, Collaborative Filtering (2 weeks):Lecture 5. Linear Regression / 3. Introduction

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Answered correctly on the first attempt but did not get the score 2
I answered correctly on the first attempt but did not get the score. Then I tried another options.

Week 2!

	Week 1 was pretty much meh! In terms of lectures provided and but i must say these week 2 lectures by professor regina came as a big ...	2
	Classification shows the extent of belonging to a category In a classification problem, we classify the point based on the sign of the signed distance. If we normalise the distance to the units of ou...	2
	Congratulations Prof. Barzilay Hats off to Prof. Barzilay for her [Squirrel AI Award][1] winning!!! With Nobel prize Prof. Esther Duflo in Data Analysis in Social Science an...	19
	Handwritten_lecture_notes Check out my notes for this lecture : https://drive.google.com/drive/folders/172YN9JMYWjb-6k6Sd3USa4TInUKSROWr?usp=sharing	22
	Congratulations! Congratulations dear Professor!	1
?	Question for recitation part of Unit1: How do we choose range of values for alpha? To find alpha_star. We have range of values in the example showcased in the last video of the Unit1 Recitation. I am not clear how do w...	2
?	Empirical Risk - exercise 1 grader error ? Empirical Risk: 1. Please check the solution for the first exercise 2. Show discussion button it is not working, can not add posts	4
	Empirical Risk and Model Performance Clarification Under video 4 (Empirical Risk), does the Empirical Risk and Model Performance question assume a linear regression model, or any mod... Community TA	2

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