

Machine Learning with Python-From Linear Models to Deep Learning

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☆ Course / Unit 1. Linear Classifiers and Gene... / Lecture 3 Hinge loss, Margin b



Exercises due Feb 15, 2023 08:59 -03 Completed Introduction



Video

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Review: Distance from a Line to a Point

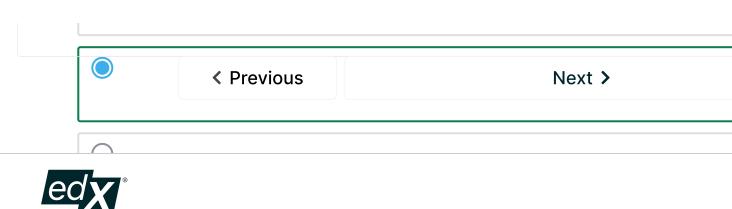
1/1 point (graded)

Consider a line L in \mathbb{R}^2 given by the equation

$$L: heta \cdot x + heta_0 = 0$$

where heta is a vector normal to the line L. Let the point P be the endpoint of a vector x_0 P equal the components of x_0).

What is the the shortest distance $m{d}$ between the line $m{L}$ and the point $m{P}$? Express $m{d}$ in t



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