Enterprise Computing Solutions - Education Services

OFERTA FORMATIVA

Detalles de contacto

Avda Europa 21, 28108 Alcobendas

Email: formacion.ecs.es@arrow.com
Phone: +34 91 761 21 51

Supervised Learning: Regression

CÓDIGO:	DURACIÓN:	Precio:
ZL1_W7102	11.2 Hours	€220.00

Description

This course introduces you to one of the main types of modelling families of supervised Machine Learning: Regression. You will learn how to train regression models to predict continuous outcomes and how to use error metrics to compare across different models. This course also walks you through best practices, including train and test splits, and regularization techniques.

Objetivos

By the end of this course you should be able to:- Differentiate uses and applications of classification and regression in the context of supervised machine learning.
- Describe and use linear regression models.
- Use a variety of error metrics to compare and select a linear regression model that best suits your data.
- Articulate why regularization may help prevent overfitting.- Use regularization regressions: Ridge, LASSO, and Elastic net.

Público

This course targets aspiring data scientists interested in acquiring hands-on experience with Supervised Machine Learning Regression techniques in a business setting.

Requisitos Previos

To make the most out of this course, you should have familiarity with programming on a Python development environment, as well as fundamental understanding of Data Cleaning, Exploratory Data Analysis, Calculus, Linear Algebra, Probability, and Statistics.

Programa

1. Introduction to Supervised Machine Learning and Linear Regression2. Data Splits and Cross Validation
3. Regression with Regularization Techniques: Ridge, LASSO, and Elastic Net

Fechas Programadas

Fecha	Localización	Zona horaria	Idioma	Modalidad de impartición	Impartición garantizada	Precio
01 Jan 0001			English	Web based Training		€115.00

Información Adicional

Esta formación también está disponible en modalidad presencial. Por favor contáctenos para más información.