



Enterprise Computing Solutions - Education Services

## OFERTA FORMATIVA

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### Detalles de contacto

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## Supervised Learning: Classification

**CÓDIGO:**      **DURACIÓN:**      **Precio:**

ZL1\_W7103      10.4 Hours      €220.00

### Description

This course introduces you to one of the main types of modeling families of supervised Machine Learning: Classification. You will learn how to train predictive models to classify categorical outcomes and how to use error metrics to compare across different models. The hands-on section of this course focuses on using best practices for classification, including train and test splits, and handling data sets with unbalanced classes.

### Objetivos

By the end of this course you should be able to:- Differentiate uses and applications of classification and classification ensembles.  
- Describe and use logistic regression models.- Describe and use decision tree and tree-ensemble models.  
- Describe and use other ensemble methods for classification.  
- Use a variety of error metrics to compare and select the classification model that best suits your data.  
- Use oversampling and undersampling as techniques to handle unbalanced classes in a data set.

### Público

This course targets aspiring data scientists interested in acquiring hands-on experience with Supervised Machine Learning Classification 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. Logistic Regression2. K Nearest Neighbors3. Support Vector Machines4. Decision Trees5. Ensemble Models  
6. Modeling Unbalanced Classes

### 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.](#)