



Managing Machine Learning Projects with Google Cloud

Calle de la Basílica, 19
28020 Madrid
(34) 915 53 61 62
www.cas-training.com

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Duración
14 horas



Modalidad
Presencial



**Learning by
doing**



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Curso Red Hat OpenShift Administration I: Containers & Kubernetes (DO180)



Objetivos:

- Thoroughly understand how ML can be used to improve business processes and create new value
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- Explore common machine learning use cases implemented by businesses
- Identify the requirements to carry out an ML project, from assessing feasibility, to data preparation, model training, evaluation, and deployment
- Define data characteristics and biases that affect the quality of ML models
- Recognize key considerations for managing ML projects, including data strategy, governance, and project teams
- Pitch a custom ML use case that can meaningfully impact your business

Requisitos:

- No prior technical knowledge is required
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- Savvy about your own business and objectives
- Recommended: Business Transformation with Google Cloud (on-demand)

Material del curso:

Documentación Oficial de Google Cloud - Managing Machine Learning Projects with Google Cloud

Perfil del docente:

- Formador Certificado por GCP
- Más de 5 años de experiencia profesional
- Más de 4 años de experiencia docente
- Profesional activo en empresas del sector IT

Metodología:

- “Learning by doing” se centra en un contexto real y concreto, buscando un aprendizaje en equipo para la resolución de problemas en el sector empresarial.
- Aulas con grupos reducidos para que el profesional adquiera la mejor atención por parte de nuestros instructores profesionales.
- El programa de estudios como partners oficiales es confeccionado por nuestro equipo de formación y revisado por las marcas de referencia en el sector.
- La impartición de las clases podrá ser realizada tanto en modalidad Presencial como Virtual.



Contenidos:

Modulo 1: Introduction

- Differentiate between AI, machine learning, and deep learning
- Differentiate between AI, machine learning, and deep learning
- Describe the high-level uses of ML to improve business processes or to create new value
- Begin assessing the feasibility of ML use cases

Modulo 2: What is Machine Learning?

- Differentiate between supervised and unsupervised machine learning problem types
- Differentiate between supervised and unsupervised machine learning problem types
- Identify examples of regression, classification, and clustering problem statements
- Recognize the core components of Google's standard definition for ML and considerations for each when carrying out an ML project

Modulo 3: Employing ML

- Describe the end-to-end process to carry out an ML project and considerations within each phase
- Describe the end-to-end process to carry out an ML project and considerations within each phase
- Practice pitching a custom ML problem statement that has the potential to meaningfully impact your business

Modulo 4: Discovering ML Use Cases

- Discover common machine learning opportunities in day-to-day business processes

Modulo 5: How to Be Successful at ML

- Identify the requirements for businesses to successfully use ML

Modulo 6: Summary

- Summarize key concepts and tools covered in the course content
- Summarize key concepts and tools covered in the course content
- Compete for best ML use case presentation based on creativity, originality, and feasibility



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