



HEREBY CERTIFIES THAT:

Catherine Julieth Urrea Arias

HAS COMPLETED THE ONLINE LEARNING JOURNEY:

Data Science, Machine Learning and AI for Business

Course duration: 5 hours

Madrid, 2024-11-17

A stylized, handwritten signature in blue ink, appearing to read 'MR' followed by a flourish.

Martín Rodríguez
General Manager of IE Lifelong
Learning & Digital Learning

