



This is to certify that

Juan Esteban Ramirez Beltran

successfully completed and received a passing grade in

Data Visualization with Python (DV0101EN, provided by IBM)

Powered by IBM Developer Skills Network. A course on cognitive class.ai

Cognitive Class

marzo 7, 2023

Authenticity of this certificate can be validated by going to:

https://courses.cognitiveclass.ai/certificates/a84cf27f76b746489c0ff67b15d5dc8b

a84cf27f76b746489c0ff67b15d5dc8b Número de ID del certificado: