



This is to certify that

Esteban Barrera

successfully completed and received a passing grade in

Data Visualization with Python

(DV0101EN, provided by IBM)

A course on cognitiveclass.ai
Powered by IBM Developer Skills Network.

Issued by
Cognitive Class

November 12, 2025

Authenticity of this certificate can be validated by going to:

<https://courses.cognitiveclass.ai/certificates/9d7742bb4b7145b8b948f0022c63bd44>