



This is to certify that

María Luisa Ros Bolea

successfully completed and received a passing grade in

Python 101 for Data Science

(PY0101EN, provided by IBM)

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

Issued by
Cognitive Class



Cognitive Class

diciembre 29, 2025

Authenticity of this certificate can be validated by going to:

<https://courses.cognitiveclass.ai/certificates/73c40e70ae8946fe9dea504e6105badf>