



This is to certify that

Araceli Olarte

successfully completed and received a passing grade in

Python 101 for Data Science (PYO101EN, provided by IBM)

A course on **cognitiveclass.ai**

Powered by IBM Developer Skills Network.

Issued by Cognitive Class

Cognitive Class

October 10, 2022

Authenticity of this certificate can be validated by going to:

https://courses.cognitiveclass.ai/certificates/259662a336dd44f39476f25612ce9eeb

Certificate ID Number: 259662a336dd44f39476f25612ce9eeb

10/10/22, 18:20

October 10, 2022