



This is to certify that

**Angel Guillermo
Penarredonda Silva**

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

febrero 25, 2023

Authenticity of this certificate can be validated by going to:

<https://courses.cognitiveclass.ai/certificates/0779b941ba5e4beba4091bb9b5e3c5ff>

Número de ID del certificado: 0779b941ba5e4beba4091bb9b5e3c5ff

febrero 25, 2023