



This is to certify that

José Luis Vargas Ríos

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 10, 2023

Authenticity of this certificate can be validated by going to: https://courses.cognitiveclass.ai/certificates/9d3f2cc611844ecfaebffc5f6a80140b Número de ID del certificado: 9d3f2cc611844ecfaebffc5f6a80140b

febrero 10, 2023