



This is to certify that

Jorge Luis Tapia Peñaloza

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

October 5, 2022

Authenticity of this certificate can be validated by going to: https://courses.cognitiveclass.ai/certificates/954bdda0137d415bb3d1d156b7e17428 Certificate ID Number: 954bdda0137d415bb3d1d156b7e17428 October 5, 2022