



This is to certify that

**Samuel Alexander Rivera
Alvarenga**

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

June 7, 2023

Authenticity of this certificate can be validated by going to: