



This is to certify that

Gracy

successfully completed and received a passing grade in

Python 101 for Data Science

(PY0101EN, provided by Cognitiveclass)

an online course on Cognitive Class.

October 15, 2019

Authenticity of this certificate can be validated by going to: https://courses.cognitiveclass.ai/certificates/0f9b00684fee4720af358f9dfe79411c