



This is to certify that

Juan Pablo Carmona Muñoz

successfully completed and received a passing grade in

Python 101 for Data Science
(PY0101EN, provided by Cognitiveclass)

A course on **cognitiveclass.ai**
Powered by IBM Developer Skills Network.

Issued by
Cognitive Class

Cognitive Class

September 6, 2020

Authenticity of this certificate can be validated by going to:

<https://courses.cognitiveclass.ai/certificates/674ec82df12e4314811421802400c67b>

Certificate ID Number: 674ec82df12e4314811421802400c67b

September 6, 2020