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This is to certify that

Patrick Dolloso

successfully completed and received a passing grade in

Python 101 for Data Science

(PY0101EN, provided by **Cognitiveclass**)

an online course on **Cognitive Class**.

November 1, 2018

Authenticity of this certificate can be validated by going to:
https://courses.cognitiveclass.ai/certificates/5e48a35c56f641449c5537b3638de159