



This is to certify that

Joao Paulo dos Santos Mendes

successfully completed and received a passing grade in

Machine Learning with Python

(ML0101EN, provided by IBM)

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

Issued by **Cognitive Class**

Janeiro 4, 2022

Authenticity of this certificate can be validated by going to:

https://courses.cognitiveclass.ai/certificates/455847d2fbeb435d870f75272ed77d73

Número de ID do certificado: 455847d2fbeb435d870f75272ed77d73

Ianeiro 4, 2022