



This is to certify that

Amine Abouothmane

successfully completed and received a passing grade in

Machine Learning with Python
(ML0101ENv3, provided by Cognitive Class)

A course on [cognitiveclass.ai](https://courses.cognitiveclass.ai)

Powered by IBM Developer Skills Network.

Issued by
Cognitive Class

November 8, 2020

Authenticity of this certificate can be validated by going to:

<https://courses.cognitiveclass.ai/certificates/db58e15c223a4a90894e0536dded0688>

Certificate ID Number: db58e15c223a4a90894e0536dded0688

November 8, 2020