



This is to certify that

# Amine Abouothmane

successfully completed and received a passing grade in

## Big Data 101

(BD0101EN, provided by Cognitive Class)

an online course on Cognitive Class

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**May 16, 2020**

Authenticity of this certificate can be validated by going to:  
<https://courses.cognitiveclass.ai/certificates/e52795706ddf428591be1396a530e486>

Certificate ID Number: **e52795706ddf428591be1396a530e486**

**May 16, 2020**