



This is to certify that

Leticia Tavares da Silva

successfully completed and received a passing grade in

Big Data 101

(BD0101EN, provided by Cognitive Class)

A course on **cognitiveclass.ai**

Powered by IBM Developer Skills Network.

Issued by
Cognitive Class

July 31, 2021

Authenticity of this certificate can be validated by going to:

<https://courses.cognitiveclass.ai/certificates/1c2f553b63d04cac8f360d6db4008e87>