



This is to certify that

Thiago Gonçalves Guimarães Lopes

successfully completed and received a passing grade in

Data Science Methodology (DS0103EN, provided by Cognitive Class)

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

> Issued by **Cognitive Class**

Março 19, 2021

Authenticity of this certificate can be validated by going to: https://courses.cognitiveclass.ai/certificates/2426a22dde5c476d926e9b74b9927bf5

Número de ID do certifcado: 2426a22dde5c476d926e9b74b9927bf5 Março 19, 2021