



This is to certify that

Dinis Martinho

successfully completed and received a passing grade in

Big Data 101

(BD0101EN, provided by IBM)

A course on cognitiveclass.ai Powered by IBM Developer Skills Network.

Issued by Cognitive Class

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Raul F. Chong

Big Data University Leader Big Data University

April 26, 2024

Authenticity of this certificate can be validated by going to:

April 26, 2024