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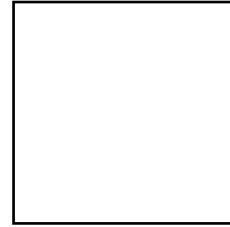
This is to certify that

Jelmer de Boer

successfully completed and received a passing grade in

Big Data 101

(BD0101EN, provided by Cognitive Class)

an online course on **Cognitive Class**.

November 6, 2019

Authenticity of this certificate can be validated by going to:
https://courses.cognitiveclass.ai/certificates/80968d6e84254c41ae7692fd80ca5cdc