



This is to certify that

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successfully completed and received a passing grade in

Data Analysis with Python

(DA0101EN, provided by CognitiveClass)

an online course on Cognitive Class.

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Authenticity of this certificate can be validated by going to: https://courses.cognitiveclass.ai/certificates/cbf6cc0e0c3f4c6fb8d00fea0b5e3418