



This is to certify that

Julian Andres Quintero Contreras

successfully completed and received a passing grade in

Data Analysis with Python (DA010IEN, provided by IBM)

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

Issued by Cognitive Class

March 6, 2023

Authenticity of this certificate can be validated by going to: https://courses.cognitiveclass.ai/certificates/1354801e60c74673bdfa72aac27925d1 Certificate ID Number:

1354801e60c74673bdfa72aac27925d1 March 6, 2023