



This is to certify that

Elvis Ramírez

successfully completed and received a passing grade in

Data Analysis with Python
(DA0101EN, provided by IBM)

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

Issued by
Cognitive Class

May 20, 2023

Authenticity of this certificate can be validated by going to:

<https://courses.cognitiveclass.ai/certificates/2596833e078c4c5987a83ac15472eeba>

Certificate ID Number: 2596833e078c4c5987a83ac15472eeba

May 20, 2023