



This is to certify that

## Esteban David Umbarila Pachon

successfully completed and received a passing grade in

## Data Visualization with Python (DV0101EN, provided by IBM)

A course on cognitive class.ai Powered by IBM Developer Skills Network.

> Issued by Cognitive Class

September 12, 2022

Authenticity of this certificate can be validated by going to:

https://courses.cognitiveclass.ai/certificates/00/4cca92e777/4f62h7197/45e6a90cd92

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