



This is to certify that

## Nicolas Enrique Monsalve Torres

successfully completed and received a passing grade in

# Python 101 for Data Science (PY0101EN, provided by IBM)

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

Issued by Cognitive Class

Cognitive Class

**September 27, 2022** 

Authenticity of this certificate can be validated by going to: https://courses.cognitiveclass.ai/certificates/ed8dd4df0c1746139748eed173084804





This is to certify that

## Nicolas Enrique Monsalve Torres

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

#### September 27, 2022

Authenticity of this certificate can be validated by going to: https://courses.cognitiveclass.ai/certificates/3c2639032a0b4383b10bfe0e9d0b594b





This is to certify that

## Nicolas Enrique Monsalve **Torres**

successfully completed and received a passing grade in

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

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

> Issued by **Cognitive Class**

September 27, 2022

Authenticity of this certificate can be validated by going to:

httns://courses.cognitiveclass.ai/certificates/1d7h2a9f9cfd4ac48h47388468a2c589

https://courses.cog/intractass.ar/certificates/ fa/pzas/setatactopt/soutooazcsos