



This is to certify that

## Julian Giudice

successfully completed and received a passing grade in

## **Data Science Tools**

(DS0105EN, provided by IBM)

A course <mark>on cognitiveclass.ai</mark> Powered by **IBM Developer Skills Network**.

Issued by Cognitive Class

ny

Romeo Kienzler Chief Data Scientist

IBM

Maureen McElaney
Developer Advocate

IBM

Svetlana Levitan

Senior Developer Advocate with IBM Center for Open Data and AI Technologies
IBM

enero 19, 2023

Authenticity of this certificate can be validated by going to:
https://courses.cognitiveclass.ai/certificates/5e3ceea9db474f5ebc51cebc9edaae20

Número de ID del certificado: 5e3ceea9db474f5ebc51cebc9edaae20 enero 19, 2023