



This certifies that

Islem Ridène

successfully completed the

Data Analysis with Python

Developer Certification on October 15, 2025

representing approximately 300 hours of work



A stylized, handwritten signature in black ink, which appears to read "Quincy Larson", positioned above a horizontal line.

Quincy Larson

Executive Director, freeCodeCamp.org



Verify this certification at:

https://freecodecamp.org/certification/islem_ridene/data-analysis-with-python-v7