



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 handwritten signature of Quincy Larson in black ink, placed over a thin horizontal line.

Quincy Larson

Executive Director, freeCodeCamp.org

Verify this certification at:

[https://freecodecamp.org/certification/islem\\_ridene/data-analysis-with-python-v7](https://freecodecamp.org/certification/islem_ridene/data-analysis-with-python-v7)

