



This certifies that

Mostafa Deiab

successfully completed the

Machine Learning with Python

Developer Certification on August 12, 2024

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/mostafadeiab/machine-learning-with-python-v7>