

Verified Certificate



A handwritten signature in black ink, appearing to read "J. Santarcangelo".

Joseph Santarcangelo
Data Scientist
IBM

This is to certify that

Harika Thummapala

successfully completed and received a passing grade in

**ML0101EN: Machine Learning with Python: A
Practical Introduction**

a course of study offered by IBM, an online learning initiative of
IBM.



Verified Certificate
Issued May 31, 2024

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