

Verified Certificate



A handwritten signature in black ink that reads "Joseph Santarcangelo".

Joseph Santarcangelo

Data Scientist

IBM

This is to certify that

Jennie Tahardi

successfully completed and received a passing grade in

PY0101EN: Python Basics for Data Science

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



Verified Certificate
Issued January 17, 2026

Valid Certificate ID
[fb3cf29b01d43188b6b86271a7f40fa](https://www.edx.org/certificates/fb3cf29b01d43188b6b86271a7f40fa)