

Verified Certificate



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

Joseph Santarcangelo
Data Scientist
IBM

This is to certify that

Mohammed Abdul Qayyum

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 October 18, 2023

Valid Certificate ID
[ae5375bdf08a44cc941ec768607b5656](https://courses.edx.org/certificates/ae5375bdf08a44cc941ec768607b5656)