

Verified Certificate



A handwritten signature in black ink that reads "Joseph 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)