

**Verified**  
Certificate



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

**Joseph Santarcangelo**

Data Scientist

IBM

This is to certify that

**Eric Penseel**

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 May 11, 2021

**Valid Certificate ID**

[ea74da7d05684238a78dd77c2bd50acf](https://courses.edx.org/certificates/ea74da7d05684238a78dd77c2bd50acf)