

Verified Certificate



Joseph Santarcangelo
Data Scientist
IBM

This is to certify that

Sudipta Sarkar

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 March 16, 2021

Valid Certificate ID
[7b312c0721e4440a80bfb66574b8e716](https://courses.edx.org/certificates/7b312c0721e4440a80bfb66574b8e716?_gl=1*n5yjuh*_ga*MjUwMjl3NTg0LjE2NjAxMTg4NTc.*_ga_D3KS4KMDT0*MTY4ODA0NTIyNy4xLjEuMTY4ODA0NTMzMzMi42...)