



This is to certify that

Joseph Santarcangelo

Data Scientist

**IBM** 

## **Gaddam Advitha**

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 June 8, 2024 Valid Certificate ID 8d6bafddd64144779bcb74f3995cf134