



May 2, 2020

Manik Vishwanath Chitralwar

has successfully completed

Data Analysis with Python

an online non-credit course authorized by IBM and offered through Coursera

A handwritten signature in black ink, reading "J. Santarcangelo".

Joseph Santarcangelo
Senior Data Scientist
IBM

**COURSE
CERTIFICATE**



Verify at coursera.org/verify/7F42YRHU5XXH

Coursera has confirmed the identity of this individual and their
participation in the course.