



01/08/2020

**RAJ KUMAR GUPTA**

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", with a long horizontal flourish extending to the right.

Joseph Santarcangelo  
Senior Data Scientist  
IBM

**COURSE  
CERTIFICATE**



Verify at [coursera.org/verify/TG3PYV487VDU](https://coursera.org/verify/TG3PYV487VDU)  
Coursera has confirmed the identity of this individual and  
their participation in the course.