



Jan 27, 2022

BiYing Pan

has successfully completed

Data Analysis Using Python

an online non-credit course authorized by University of Pennsylvania and offered through
Coursera

A handwritten signature in black ink, appearing to read "Brandon Krakowsky".

Brandon Krakowsky
Lecturer
School of Engineering and Applied Science

**COURSE
CERTIFICATE**



Verify at coursera.org/verify/NDNZ6FDG5LQ9

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