



Nov 30, 2021

James Edward Kowalik

has successfully completed

Introduction to Data Science in Python

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

A handwritten signature in black ink, appearing to read 'Christopher Brooks'.

Christopher Brooks  
Research Assistant Professor  
School of Information

COURSE  
CERTIFICATE



Verify at [coursera.org/verify/WJHXMPDUWCJ2](https://coursera.org/verify/WJHXMPDUWCJ2)

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