

# VERIFIED

CERTIFICATE of ACHIEVEMENT



Microsoft

A handwritten signature in black ink.

Satya Nadella

Chief Executive Officer

*Microsoft Corporation*

A handwritten signature in black ink.

Karen Kocher

General Manager

21st Century Jobs, Skills and Employability

*Microsoft Corporation*

This is to certify that

**Michael Kutscher**

successfully completed and received a passing grade in

**DAT273x: Data Science Research Methods:  
Python Edition**

a course of study offered by Microsoft, an online learning initiative of Microsoft Corporation through edX.



VERIFIED CERTIFICATE  
Issued March 5, 2019

VALID CERTIFICATE ID  
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