

# VERIFIED

CERTIFICATE *of* ACHIEVEMENT



This is to certify that

**Ryan Alexander Berberian**

successfully completed and received a passing grade in

**DAT203.1x: Data Science Essentials**

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

A handwritten signature in black ink, appearing to read "Satya Nadella".

**Satya Nadella**

Chief Executive Officer

*Microsoft Corporation*

A handwritten signature in black ink, appearing to read "Karen Kocher".

**Karen Kocher**

General Manager

21st Century Jobs, Skills and Employability

*Microsoft Corporation*



VERIFIED CERTIFICATE

Issued May 11, 2018

VALID CERTIFICATE ID

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