

VERIFIED

CERTIFICATE of ACHIEVEMENT

This is to certify that

Ryan Alexander Berberian

successfully completed and received a passing grade in

DAT256x: Essential Mathematics for Artificial Intelligence

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



VERIFIED CERTIFICATE
Issued May 6, 2018

VALID CERTIFICATE ID
[0eb17e5c1e7a4976a951699378b3f64e](https://courses.edx.org/certificates/0eb17e5c1e7a4976a951699378b3f64e)



Microsoft

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