

# VERIFIED

CERTIFICATE of ACHIEVEMENT



This is to certify that

**SHIVAM SINGH**

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 through edX.

A handwritten signature in black ink, appearing to read "N. 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 July 8, 2018

VALID CERTIFICATE ID

9704369fc2f84d10a82edf6e2804e16a