

VERIFIED

CERTIFICATE *of* ACHIEVEMENT



This is to certify that

Steven Black

successfully completed and received a passing grade in

DAT101x: Data Science Orientation

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 "Satya Nadella".

Satya Nadella

Chief Executive Officer

Microsoft Corporation

A handwritten signature in black ink, appearing to read "Björn Rettig".

Björn Rettig

Senior Director Technical Content

Microsoft Corporation



VERIFIED CERTIFICATE

Issued July 22, 2016

VALID CERTIFICATE ID

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