

# VERIFIED

CERTIFICATE of ACHIEVEMENT



This is to certify that

**SHIVAM SINGH**

successfully completed and received a passing grade in

**DAT236x: Deep Learning Explained**

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".

**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

A handwritten signature in black ink, appearing to read "Sayan Pathak".

**Sayan Pathak**

Principal ML Scientist

Microsoft Corporation

A handwritten signature in black ink, appearing to read "Roland Fernandez".

**Roland Fernandez**

Senior Researcher

Microsoft Corporation



VERIFIED CERTIFICATE

Issued July 6, 2018

VALID CERTIFICATE ID

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