

# VERIFIED

CERTIFICATE *of* ACHIEVEMENT



This is to certify that

**Ludovic Boudi**

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 10 September, 2016

VALID CERTIFICATE ID  
[19b2c733be0e48409f1a0c9c538bac7c](#)