

PROFESSIONAL CERTIFICATE



This is to certify that

Alexander Bermúdez Muñoz

successfully completed all courses and received passing grades for a
Professional Certificate in

Data Science Core

a program offered by Microsoft, in collaboration with edX.

A handwritten signature in black ink, appearing to read "N. Satya".

Satya Nadella
Chief Executive Officer
Microsoft Corporation



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Issued December 2019

VALID CERTIFICATE ID
5dc50659de214677a772a1eb79d274e0