

Microsoft Certified

Azure Data Engineer Associate

KARIM HAJJAR

Has successfully completed the requirements to be recognized as a Microsoft Certified: Azure Data Engineer Associate.

Date of achievement: October 29, 2021

Valid until: October 29, 2022



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

Satya Nadella
Chief Executive Officer



Certification number: I011-9615