

# Microsoft Certified

## Azure Data Engineer Associate

THOMAS KARSTEN

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

Date of achievement: June 16, 2022

Valid until: June 16, 2023

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

Satya Nadella  
Chief Executive Officer



Certification number: I311-1631