



Jan 15, 2021

Thomas Karsten

has successfully completed

Apache Spark (TM) SQL for Data Analysts

an online non-credit course authorized by Databricks and offered through Coursera

A handwritten signature in black ink that reads "Kate Sullivan".

Kate Sullivan
Technical Curriculum Developer
Databricks

COURSE CERTIFICATE



Verify at coursera.org/verify/JLV9BDVCX22K

Coursera has confirmed the identity of this individual and their participation in the course.