



22.09.2020

Thomas Karsten

has successfully completed with honors

Managing Big Data in Clusters and Cloud Storage

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

A handwritten signature in black ink, reading "Ian Cook".

Ian Cook
Staff Curriculum Developer
Cloudera

A handwritten signature in black ink, reading "Glynn A. Durham".

Glynn Durham
Senior Instructor
Cloudera

COURSE
CERTIFICATE

WITH HONORS



Verify at coursera.org/verify/XX3WLS3LV3MZ

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