



10/07/2019

Сергей Владимирович
Кряжевских

has successfully completed with honors

Big Data Essentials: HDFS, MapReduce and Spark
RDD

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

Alexey Dral, Ivan Puzyrevskiy,
Emeli Dral, Evgeniy Ryabenko

COURSE
CERTIFICATE

WITH HONORS



Verify at coursera.org/verify/SW659A3BR358

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