



02/11/2019

Olga Arekhta

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

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Alexey Dral, Ivan Puzyrevskiy,
Emeli Dral, Evgeniy Ryabenko

**COURSE
CERTIFICATE**

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