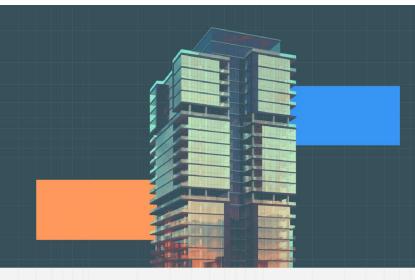# NEWPRØLAB

Certificate of Completion

WITH HONOURS

this is to certify that

Ivan Vasenkov

has demonstrated exceptional dedication to mastering the science and technology of

APACHE SPARK 2 ADVANCED

a 4-week course that covers Spark Anti-Patterns, Spark Data Structures, Scala UDF in PySpark, Workers Management in YARN, Spark Connector Development in DataFrame API / Spark Structured Streaming API

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Anna Zhovtis
CEO, New Professions Lab