

The logo for New Professions Lab, featuring the words "NEW", "PRO", and "LAB" stacked vertically in white, bold, sans-serif capital letters inside a red square.

NEW
PRO
LAB

Certificate of Completion

WITH HONOURS



this is to certify that

KONSTANTIN KARAVAEV

has demonstrated exceptional dedication to mastering the science and technology of

APACHE SPARK FOR DATA ENGINEERING

a 5-week course that covers Apache Spark, Scala Api, Spark Dataframes,
Spark Streaming, Spark UI

15.11.2021

Date of Issue

A handwritten signature in blue ink, appearing to read "Anna Zhovtis".

Anna Zhovtis
CEO, New Professions Lab

Certificate number: 30196962620589473929322366831