

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

**IVAN DUBROVIN**

has demonstrated exceptional dedication to mastering the science and technology of

**APACHE SPARK FOR DATA SCIENCE**

a 5-week course that covers Apache Spark, PySpark, Spark ML, Spark  
Streaming, Spark Dataframes

01.03.2023

Date of Issue

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

Anna Zhovtis  
CEO, New Professions Lab

Certificate number: 30947342797968441587898897552