



Certificate of Completion



this is to certify that

MIKHAIL PRONIN

has successfully completed

APACHE SPARK FOR DATA SCIENCE

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

16.02.2022

Date of Issue

A handwritten signature in blue ink, appearing to read "Anna Zhovtis", positioned above a horizontal line.

Anna Zhovtis
CEO, New Professions Lab

Certificate number: 30345369885016428611060152503