



# Certificate of Completion



this is to certify that

**ALEXANDER SMETANIN**

has successfully completed

**APACHE SPARK FOR DATA SCIENCE**

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

08.04.2021

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: 29844482565490917529540559972