

**NEW  
PRO  
LAB**

# Certificate of Completion

**WITH HONOURS**



this is to certify that

# Dmitrii Alekseev

has demonstrated exceptional dedication to mastering the science and technology of

## **APACHE SPARK 3 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

2024-06-12

Date of Issue

Anna Zhovtis  
CEO, New Professions Lab

Certificate number: 20240612113