

# CERTIFICATE

## OF ACHIEVEMENT

THIS CERTIFICATE ACCREDITS THAT

WOJCIECH ZDZIEBKOWSKI

HAS SUCCESSFULLY COMPLETED THE

BIG DATA  
ONLINE COURSE

"FUNDAMENT APACHE SPARK"

CREATED BY RIOTECH DATA FACTORY

DATE

22.01.2025

TECHNOLOGY:

APACHE SPARK

*Marek Czuma*

Marek Czuma

*Big Data  
Instructor,  
CEO of RDF*

CERT NUMBER: #142