



NobleProg

The World's Local Training Provider

course completion

CERTIFICATE

has been presented to

Mateusz Dutka

for the completion of

Wstęp do analizy danych dla Big Data

Trainer
Anna Kotarba

Duration
5 Days

date of issue:
2022-09-09

e-certificate:
<https://cert.nobleprog.com/authenticate>
Certificate ID: 692863
Authentication Code: 5618a