

The logo for NobleProg, featuring the company name in a blue, sans-serif font.

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

期間

5 Days

date of issue:
2022-09-09

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