

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 / wystawiono dla

Plamen Ivanov

for the completion of / za udział w szkoleniu

Bespoke Python and Spark for Big Data

Trainer / Trener
Gunnar Bless

date of issue / data wystawienia
2022-08-08

Duration / Czas trwania
3 Days / Dni

e-certificate:
<https://cert.nobleprog.com/authenticate>
Certificate ID: 685435
Authentication Code: 400f0