

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

NobleProg

The World's Local Training Provider

course completion

CERTIFICATE

has been presented to

Plamen Ivanov

for the completion of

Bespoke Python and Spark for Big Data

Trainer
Gunnar Bless

Duration
3 Days

date of issue:
2022-08-08

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