

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 / es otorgado a

Plamen Ivanov

for the completion of / por completar el curso de

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