

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 / wystawiono dla

Belinda Viljoen

for the completion of / za udział w szkoleniu

**Python and Spark for Big Data
(PySpark)**

Trainer / Trener
Jorge Calbo

Duration / Czas trwania
3 Days / Dni

date of issue / data wystawienia
2023-11-01

e-certificate:
<https://cert.nobleprog.com/authenticate>
Certificate ID: 742539
Authentication Code: 0c1ce