

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

Marcin Stężowski

for the completion of

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

Trainer
Tomasz Zając

Venue
Kraków

期間
3 Days

date of issue:
2019-05-17

e-certificate:
<https://cert.nobleprog.com/authenticate>
Certificate ID: 582211
Authentication Code: 3e9b5