

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

**Philippe Peloquin**

for the completion of

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

Trainer  
Tomasz Zajac

date of issue:  
**2022-07-12**

期間  
**3 Days**

e-certificate:  
<https://cert.nobleprog.com/authenticate>  
Certificate ID: 683531  
Authentication Code: cb8a4