

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

Aswin Gumilar

for the completion of

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

Trainer
Bagas Prakasa

Duration
2 Days

date of issue:
2025-03-20

e-certificate:
<https://cert.nobleprog.com/authenticate>
Certificate ID: 801971
Authentication Code: cc3ce