

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

RAUL RAT

for the completion of

Python, Spark and Hadoop for Big Data

Trainer
Anna K.

Duration
3 Days

date of issue:
2023-04-27

e-certificate:
<https://cert.nobleprog.com/authenticate>
Certificate ID: 717331
Authentication Code: 83ed5