

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 / é concedido à

RAUL RAT

for the completion of /por finalizar o curso de

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
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