

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

Chad Patrick Calamba

for the completion of

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

Trainer
Satyadhyam Chickerur

date of issue:
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期間
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<https://cert.nobleprog.com/authenticate>
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