



Certificate no: UC-36b5c6ad-470c-4cd1-8e14-53d1eb34cc15

Certificate url: ude.my/UC-36b5c6ad-470c-4cd1-8e14-53d1eb34cc15

Reference Number: 0004

CERTIFICATE OF COMPLETION

Apache Spark 3 - Spark Programming in Python for Beginners

Instructors **Prashant Kumar Pandey, Learning Journal**

Shivraj Patel

Date **Feb. 21, 2024**

Length **14 total hours**