



Certificate no: UC-898396cd-40d8-4a71-82e7-eb4e8ca3c1ad

Certificate url: ude.my/UC-898396cd-40d8-4a71-82e7-eb4e8ca3c1ad

Reference Number: 0004

CERTIFICATE OF COMPLETION

Apache Spark 3 - Spark Programming in Python for Beginners

Instructors **Prashant Kumar Pandey, Learning Journal**

Rajeev Kumar

Date **July 3, 2024**

Length **14 total hours**