



Certificate no: UC-f90ef90f-f9f1-4428-b2ae-ce2f31f03308

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Reference Number: 0004

CERTIFICATE OF COMPLETION

Apache Spark 3 - Spark Programming in Python for Beginners

Instructors **Prashant Kumar Pandey, Learning Journal**

Rounak Singh

Date **April 15, 2022**

Length **6.5 total hours**