



Certificate no: UC-0d2b6866-46e8-43a7-838d-dd38a451f1b8

Certificate url: ude.my/UC-0d2b6866-46e8-43a7-838d-dd38a451f1b8

Reference Number: 0004

CERTIFICATE OF COMPLETION

Apache Spark 3 - Spark Programming in Python for Beginners

Instructors **Prashant Kumar Pandey, Learning Journal**

Sajal Jain

Date **Jan. 11, 2023**

Length **6.5 total hours**