



Certificate no: UC-54b1f78d-d021-4ef1-b1ac-3b97ce3c44f6

Certificate url: ude.my/UC-54b1f78d-d021-4ef1-b1ac-3b97ce3c44f6

Reference Number: 0004

CERTIFICATE OF COMPLETION

Apache Spark 3 - Real-time Stream Processing using Python

Instructors **Prashant Kumar Pandey, Learning Journal**

Manjot Singh

Date **May 9, 2022**

Length **4.5 total hours**