



Certificate no: UC-9ae9b0eb-8eb8-481f-ad16-9cdbdd249765

Certificate url: ude.my/UC-9ae9b0eb-8eb8-481f-ad16-9cdbdd249765

Reference Number: 0004

CERTIFICATE OF COMPLETION

Apache Spark 3 - Spark Programming in Python for Beginners

Instructors **Prashant Kumar Pandey, Learning Journal**

Dimitrios Bakalis

Date **Feb. 28, 2022**

Length **6.5 total hours**