



Certificate no: UC-eb3a1e16-e791-455b-9a4d-c8eb2fbf979d

Certificate url: ude.my/UC-eb3a1e16-e791-455b-9a4d-c8eb2fbf979d

Reference Number: 0004

CERTIFICATE OF COMPLETION

Spark and Python for Big Data with PySpark

Instructors **Jose Portilla**

Bao Chung Tran

Date **Nov. 8, 2022**

Length **10.5 total hours**