



Certificate no: UC-20739783-6cfb-410b-bd1f-9614e2c8fc96

Certificate url: ude.my/UC-20739783-6cfb-410b-bd1f-9614e2c8fc96

Reference Number: 0004

CERTIFICATE OF COMPLETION

Spark and Python for Big Data with PySpark

Instructors **Jose Portilla**

Cheah Jhun Seng

Date **May 29, 2022**

Length **10.5 total hours**