



Certificate no: UC-a7070816-8b1c-44ec-91b3-b8bb19d45e0c
Certificate url: ude.my/UC-a7070816-8b1c-44ec-91b3-b8bb19d45e0c
Reference Number: 0004

CERTIFICATE OF COMPLETION

Spark and Python for Big Data with PySpark

Instructors **Jose Portilla**

Sadiq Pasha

Date **Sept. 27, 2021**

Length **10.5 total hours**