



Certificate no: UC-b06dd211-48d7-4827-ac74-a76eb5076831

Certificate url: ude.my/UC-b06dd211-48d7-4827-ac74-a76eb5076831

Reference Number: 0004

CERTIFICATE OF COMPLETION

Spark and Python for Big Data with PySpark

Instructors **Jose Portilla**

André Fernandes

Date **Sept. 17, 2021**

Length **10.5 total hours**