



Certificate no: UC-86cc14fa-9abe-4cf0-8b9e-f40c78a768a8

Certificate url: ude.my/UC-86cc14fa-9abe-4cf0-8b9e-f40c78a768a8

Reference Number: 0004

CERTIFICATE OF COMPLETION

Spark and Python for Big Data with PySpark

Instructors **Jose Portilla**

Jason Drury

Date **June 22, 2023**

Length **10.5 total hours**