



Certificate no: UC-63704dad-4a1b-4a43-b420-62e04c248a60
Certificate url: ude.my/UC-63704dad-4a1b-4a43-b420-62e04c248a60
Reference Number: 0004

CERTIFICATE OF COMPLETION

Spark and Python for Big Data with PySpark

Instructors **Jose Portilla**

Pradeep Arivalagan

Date **April 21, 2023**

Length **10.5 total hours**