



Certificate no: UC-2a879a3f-6b52-44ac-b96f-7057b9471d22

Certificate url: ude.my/UC-2a879a3f-6b52-44ac-b96f-7057b9471d22

Reference Number: 0004

CERTIFICATE OF COMPLETION

Spark and Python for Big Data with PySpark

Instructors **Jose Portilla**

K S Antony Micheal .

Date **April 25, 2022**

Length **10.5 total hours**