



Certificate no: UC-38245b28-cc64-4712-b3eb-0833f13fbc9d

Certificate url: ude.my/UC-38245b28-cc64-4712-b3eb-0833f13fbc9d

Reference Number: 0004

CERTIFICATE OF COMPLETION

Spark and Python for Big Data with PySpark

Instructors **Jose Portilla**

Priyanshu Singh

Date **April 12, 2022**

Length **10.5 total hours**