



Certificate no: UC-76b3cb63-230b-4641-8e91-cf8d0e853036
Certificate url: ude.my/UC-76b3cb63-230b-4641-8e91-cf8d0e853036
Reference Number: 0004

CERTIFICATE OF COMPLETION

Spark and Python for Big Data with PySpark

Instructors **Jose Portilla**

Federico Fritzschi Larrumbide

Date **Aug. 23, 2021**

Length **10.5 total hours**