



Certificate no: UC-4e323eb4-13dc-42ac-a63f-6efd5908fccc
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Reference Number: 0004

CERTIFICATE OF COMPLETION

Spark and Python for Big Data with PySpark

Instructors **Jose Portilla**

Miguel Ángel Rosero Aguas

Date **Oct. 28, 2022**

Length **10.5 total hours**