



Certificate no: UC-6b69cf2a-aaf6-425d-ab53-660d1e6ac2bb

Certificate url: ude.my/UC-6b69cf2a-aaf6-425d-ab53-660d1e6ac2bb

Reference Number: 0004

CERTIFICATE OF COMPLETION

Spark and Python for Big Data with PySpark

Instructors **Jose Portilla, Pierian Training**

ashutosh singh

Date **Aug. 24, 2025**

Length **10.5 total hours**