



Certificate no: UC-9b032730-ee82-4d0c-906d-cacf03f93445
Certificate url: ude.my/UC-9b032730-ee82-4d0c-906d-cacf03f93445
Reference Number: 0004

CERTIFICATE OF COMPLETION

Spark and Python for Big Data with PySpark

Instructors **Jose Portilla, Pierian Training**

Andy Hermawan

Date **Sept. 26, 2024**

Length **10.5 total hours**