



Certificate no: UC-5a113608-fd24-4c02-a70b-a2f43df159dc
Certificate url: ude.my/UC-5a113608-fd24-4c02-a70b-a2f43df159dc
Reference Number: 0004

CERTIFICATE OF COMPLETION

Spark and Python for Big Data with PySpark

Instructors **Jose Portilla**

Reddy sai kundun

Date **Jan. 4, 2024**

Length **10.5 total hours**