



Certificate no: UC-74c47319-240e-4ba1-84a5-3a7c4127f11a

Certificate url: [ude.my/UC-74c47319-240e-4ba1-84a5-3a7c4127f11a](https://ude.my/UC-74c47319-240e-4ba1-84a5-3a7c4127f11a)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Spark and Python for Big Data with PySpark

Instructors **Jose Portilla**

**Nikhil M**

Date **Jan. 9, 2023**

Length **10.5 total hours**