



Certificate no: UC-3c2d0771-4d1c-428c-970b-47dd0b84ef5a

Certificate url: [ude.my/UC-3c2d0771-4d1c-428c-970b-47dd0b84ef5a](https://ude.my/UC-3c2d0771-4d1c-428c-970b-47dd0b84ef5a)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Spark and Python for Big Data with PySpark

Instructors **Jose Portilla**

**Diego Castro**

Date **Jan. 21, 2022**

Length **10.5 total hours**