



Certificate no: UC-83ed2913-b73e-4bb5-8ceb-98a07df2c694

Certificate url: ude.my/UC-83ed2913-b73e-4bb5-8ceb-98a07df2c694

Reference Number: 0004

CERTIFICATE OF COMPLETION

Taming Big Data with Apache Spark and Python - Hands On!

Instructors **Sundog Education by Frank Kane, Frank Kane, Sundog Education Team**

Vavish

Date **Jan. 20, 2023**

Length **7 total hours**