



Certificate no: UC-f4508d2d-7b5a-4f3f-b56e-3204a424d909

Certificate url: ude.my/UC-f4508d2d-7b5a-4f3f-b56e-3204a424d909

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**

Luis Dias

Date **June 13, 2022**

Length **7 total hours**