



Certificate no: UC-aec06071-e870-4ece-b172-cf80df647e9d

Certificate url: ude.my/UC-aec06071-e870-4ece-b172-cf80df647e9d

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**

Swastik

Date **Sept. 18, 2023**

Length **7 total hours**