



Certificate no: UC-9856e44a-98ce-4005-b0f4-e3fb648f3f4e

Certificate url: ude.my/UC-9856e44a-98ce-4005-b0f4-e3fb648f3f4e

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**

Armaan Haque

Date **June 17, 2024**

Length **7 total hours**