



Certificate no: UC-6caea177-a20c-4576-8951-059e81364492

Certificate url: ude.my/UC-6caea177-a20c-4576-8951-059e81364492

Reference Number: 0004

CERTIFICATE OF COMPLETION

Taming Big Data with Apache Spark 4 and Python - Hands On!

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

Bharath P

Date **Aug. 20, 2025**

Length **9 total hours**