



Certificate no: UC-5e117a4e-ee56-41b2-9606-d606b86e6050

Certificate url: ude.my/UC-5e117a4e-ee56-41b2-9606-d606b86e6050

Reference Number: 0004

CERTIFICATE OF COMPLETION

Apache Spark with Scala - Hands On with Big Data!

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

Okonkwo Jude Chukwuemeka

Date **July 22, 2023**

Length **9 total hours**