



Certificate no: UC-fe98e8ff-83e3-48f6-8e2b-a8d59af603b2

Certificate url: ude.my/UC-fe98e8ff-83e3-48f6-8e2b-a8d59af603b2

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**

Pranav Agrawal

Date **Dec. 22, 2023**

Length **7 total hours**