



Certificate no: UC-fb5a9ca7-010f-4a11-b138-93333339f489

Certificate url: ude.my/UC-fb5a9ca7-010f-4a11-b138-93333339f489

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**

Pavel Kim

Date **June 26, 2022**

Length **7 total hours**