



Certificate no: UC-0feb18dd-fcda-4c46-b068-10b095ee8e7a

Certificate url: ude.my/UC-0feb18dd-fcda-4c46-b068-10b095ee8e7a

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**

Alexis Martinez Esperon

Date **Nov. 28, 2022**

Length **7 total hours**