



Certificate no: UC-4252f6ee-1af0-4481-bec3-7b1f54331fce

Certificate url: [ude.my/UC-4252f6ee-1af0-4481-bec3-7b1f54331fce](https://ude.my/UC-4252f6ee-1af0-4481-bec3-7b1f54331fce)

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**

## Nguyen Phuc Tran

Date **Dec. 26, 2021**

Length **7 total hours**