



Certificate no: UC-282061ef-63d3-46f8-aa06-a0cd2e72c577

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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**

**Efthimios Vlahos**

Date **March 3, 2024**

Length **7 total hours**