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Certificate no: UC-4d99c1dd-51c8-438b-a502-49d6805840d6
Certificate url: ude.my/UC-4d99c1dd-51c8-438b-a502-49d6805840d6
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**

Nathan Castle

Date **Sept. 5, 2022**
Length **7 total hours**