



Certificate no: UC-a3bcfcb9-c982-4d86-9a2f-df495e1e7140

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Reference Number: 0004

## CERTIFICATE OF COMPLETION

# Complete PySpark & Google Colab Primer For Data Science

Instructors **Minerva Singh**

## Abhishek Tiwari

Date **Oct. 23, 2025**

Length **4.5 total hours**