



The certification for the completion of the module

PySpark

Has been awarded to

Oussama LAAUMARI

issued on 18/06/2024 in Paris



Certification number

0693640e-a10a-4757-baa3-f02d9ea55cce

A handwritten signature in black ink, appearing to read "CS", positioned above a horizontal line.

Charles Sutton
Lead Data Scientist