

# CERTIFICATE OF COMPLETION



**MARCIO HENRIQUE DE OLIVEIRA FRANCO**

completed the online course with an estimated workload of 8 hours.

Finished at February 28, 2024

Course\_

**PANDAS I/O: WORKING WITH DIFFERENT  
FILE FORMATS**

**alura**

  
Guilherme Silveira  
Coordinator  
Paulo Silveira  
CEO