

# CERTIFICATE OF COMPLETION



**DANIEL BORGES CREMA**

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

Finished at April 13, 2025

 DanielCrema

Course\_

**PYTHON FOR DATA SCIENCE:  
WORKING WITH FUNCTIONS, DATA  
STRUCTURES AND EXCEPTIONS**

ORACLE + alura

  
**Guilherme Silveira**  
Coordinator

  
**Alexandre Maioral**  
Presidente Oracle Brasil

