



Certificate no: UC-eae4d2ae-d38d-4b68-8380-f5c2a927ce55
Certificate url: ude.my/UC-eae4d2ae-d38d-4b68-8380-f5c2a927ce55
Reference Number: 0004

CERTIFICATE OF COMPLETION

Python 3: Deep Dive (Part 3 - Hash Maps)

Instructors **Fred Baptiste**

Adam McCarthy

Date **Feb. 6, 2022**

Length **20.5 total hours**