



Certificate no: UC-bfaa33a4-a982-4dd2-8114-61bcd3bbeabf

Certificate url: ude.my/UC-bfaa33a4-a982-4dd2-8114-61bcd3bbeabf

Reference Number: 0004

## CERTIFICATE OF COMPLETION

# Data Manipulation in Python: Master Python, Numpy & Pandas

Instructors **Meta Brains**

## Mehmet Alperen Önal

Date **Feb. 12, 2022**

Length **2 total hours**