



# CERTIFICATE of ACHIEVEMENT

This is to certify that

**Jay Mwagongo**

successfully completed

## **Intermediate Python for Data Analysis**

A course of study created by Hina Arora, Clinical  
Associate Professor in the Information Systems  
department of the W.P. Carey School of Business at  
Arizona State University.

This 40-hour workshop covers popular Python packages for  
data exploration and data preparation such as NumPy,  
Matplotlib, Pandas, and Seaborn.

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**BAOBAB**

