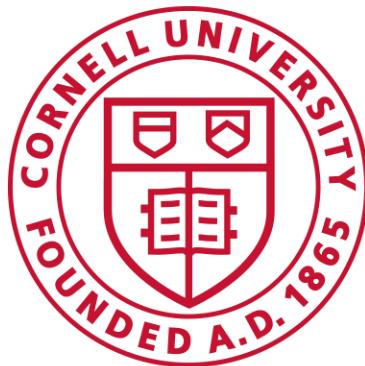


# Cornell University



This is to acknowledge that

**Olivia Jin**

has completed the certificate program entitled

**Python for Data Science**

This Twenty-Third Day of April, 2024  
through eCornell.

A handwritten signature in black ink, appearing to read "Richard Knepper".

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Richard Knepper, Director  
Center for Advanced Computing  
Cornell University