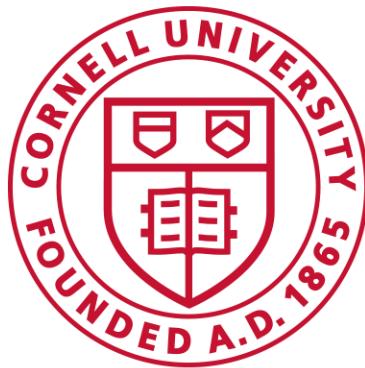


# Cornell University



This is to acknowledge that

**Amal Bilal**

has completed the certificate program entitled  
**Machine Learning Foundations**

This Twenty-Ninth Day of July, 2025  
through eCornell.

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THROUGH  
TECH

Judith Spitz, Ph.D.  
Founder and Executive Director  
Break Through Tech