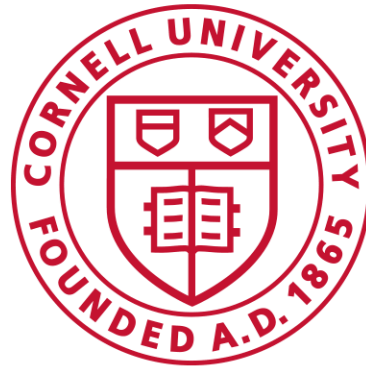


# Cornell University



This is to acknowledge that

**Usman Bah**

has completed the certificate program entitled

**Machine Learning Foundations**

This Twenty-Eighth Day of July, 2025

through eCornell.

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