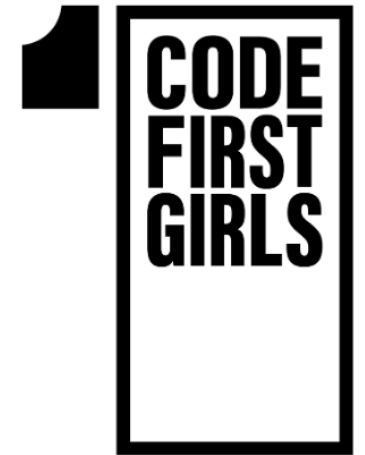


# MOOC CHALLENGE

## MACHINE LEARNING



**THIS CERTIFICATE IS AWARDED TO:**

Vivien Siew

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for the successful completion of the Machine Learning MOOC Challenge  
with Code First Girls

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Issue date: 122023  
Validation number: MCML122023

A stylized, handwritten signature in black ink, appearing to read "AB", positioned above a horizontal line.

Anna Brailsford  
CEO, Code First Girls