

# Professional Certificate

This is to certify that

## Xavier Borja

successfully completed all courses and  
received passing grades for a Professional  
Certificate in

## Data Engineering

a program offered by IBM, in collaboration with  
edX.



A handwritten signature in black ink, appearing to read "Rav Ahuja".

**Rav Ahuja**

Global Program Director

IBM

IBM



PROFESSIONAL CERTIFICATE

Issued August 2023

VALID CERTIFICATE ID

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