

# *Professional* Certificate

This is to certify that

**Xavier Borja**

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

**Data Engineering  
Fundamentals**

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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