

# Professional Certificate

This is to certify that

**Xavier Borja**

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

**Data Warehouse 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 Manager  
Skills Network, IBM

IBM



PROFESSIONAL CERTIFICATE  
Issued July 2023

VALID CERTIFICATE ID  
5fb88894dd2347a7aeba0f97448a7e17