

Verified
Certificate



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

Rav Ahuja

AI and Data Science Program Director

IBM

This is to certify that

Xavier Borja

successfully completed and received a passing grade in

**DB0100EN: Data Engineering Basics for
Everyone**

a course of study offered by IBM, an online learning
initiative of IBM.



Verified Certificate
Issued July 25, 2023

Valid Certificate ID
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