

Verified Certificate



A handwritten signature in black ink, appearing to read 'Charles', followed by a horizontal line.

Charles Severance

Clinical Professor, School of Information
University of Michigan

This is to certify that

Xavier Borja

successfully completed and received a passing grade in

**PG4E504x: Database Architecture, Scale, and
NoSQL with Elasticsearch**

a course of study offered by MichiganX, an online
learning initiative of the University of Michigan.



Verified Certificate
Issued July 11, 2024

Valid Certificate ID
[87ced780ddc444ef809aea135e38d225](https://courses.edx.org/certificates/87ced780ddc444ef809aea135e38d225)