

# *Professional* Certificate

This is to certify that

**Mahdi Karami**

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

**Data Science**

a program offered by HarvardX, in collaboration  
with edX.

**HarvardX**



**Rafael Irizarry**

Professor of Biostatistics

*Harvard T.H. Chan School of Public Health*



**PROFESSIONAL CERTIFICATE**  
Issued February 2023

**VALID CERTIFICATE ID**  
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