

# Verified Certificate



A handwritten signature in black ink, appearing to read "Rafael Irizarry".

Rafael Irizarry

Professor of Biostatistics

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

This is to certify that

**Hongtao Ma**

successfully completed and received a passing grade in

**PH125.5x: Data Science: Productivity Tools**

a course of study offered by HarvardX, an online learning initiative of Harvard University.



**Verified Certificate**

Issued December 18, 2024

**Valid Certificate ID**

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