Verified
Certificate

Harvard**X**

Rafael Irizarry
Rafael Irizarry
Professor of Biostatistics
Harvard T.H. Chan School of Public Health

This is to certify that

Emanuela Pannini

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.

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Issued December 13, 2023

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