



Verified Certificate

This is to certify that

Hongtao Ma

successfully completed and received a passing grade in

PH125.1x: Data Science: R Basics

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

HarvardX

Rafael Irizarry

Professor of Biostatistics

Harvard T.H. Chan School of Public Health



Verified Certificate
Issued August 13, 2023

Valid Certificate ID
[2cda1bff27bd4487a7f1225e15846a2e](#)