

**VERIFIED**  
CERTIFICATE of ACHIEVEMENT

**HarvardX**

This is to certify that

**Christian A McKinnon**

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.



**Rafael Irizarry**

Professor of Biostatistics

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



VERIFIED CERTIFICATE  
Issued April 22, 2020

VALID CERTIFICATE ID  
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