

**Verified**  
Certificate

**Harvard**X



**Rafael Irizarry**

Professor of Biostatistics

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

This is to certify that

**MR JAMES EDWARD KOWALIK**

successfully completed and received a passing grade in

**PH125.4x: Data Science: Inference and Modeling**

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



**Verified Certificate**  
Issued June 1, 2021

**Valid Certificate ID**  
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