

# VERIFIED

## CERTIFICATE *of* ACHIEVEMENT

This is to certify that

**Amit Ranjan**

successfully completed and received a passing grade in

**PH125.6x: Data Science: Wrangling**

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

**Harvard**X



**Rafael Irizarry**

Professor of Biostatistics

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



VERIFIED CERTIFICATE

Issued May 17, 2019

VALID CERTIFICATE ID

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