

Verified
Certificate

HarvardX



Pavlos Protopapas

Scientific Program Director

Harvard

This is to certify that

Venkannababu pamarthi

successfully completed and received a passing grade in

CS109x: Introduction to Data Science with Python

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



Verified Certificate

Issued May 19, 2024

Valid Certificate ID

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