

Verified
Certificate



A handwritten signature in black ink, appearing to read "J. Tsitsiklis".

John Tsitsiklis

Professor, Department of Electrical Engineering and Computer
Science

Massachusetts Institute of Technology

A handwritten signature in black ink, appearing to read "Sanjay Sarma".

Sanjay Sarma

Vice President for Open Learning

Massachusetts Institute of Technology

This is to certify that

Aboubacar HEMA

successfully completed and received a passing grade in

**6.431x: Probability - The Science of Uncertainty
and Data**

a course of study offered by MITx, an online learning
initiative of the Massachusetts Institute of Technology.



Verified Certificate

Issued May 31, 2022

Valid Certificate ID

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