

**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 "Krishna Rajagopal".

**Krishna Rajagopal**

Dean for Digital Learning

*Massachusetts Institute of Technology*

This is to certify that

**Arav Agarwal**

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 September 2, 2021

**Valid Certificate ID**

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