

**Verified**  
Certificate



A handwritten signature in black ink, appearing to read "Philippe Rigollet".

**Philippe Rigollet**

Associate Professor, Department of Mathematics  
*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

**18.6501x: Fundamentals of Statistics**

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



**Verified Certificate**  
Issued May 27, 2022

**Valid Certificate ID**  
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