



# Massachusetts Institute of Technology



*This is to certify that*

**Joshua Carisma**

*has successfully completed*

**Professional Certificate in Data Science and Analytics**

Awarded 36 Continuing Education Units (CEUs)

**August 2024**

A handwritten signature of Eric Grimson in black ink.

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**Eric Grimson**

Vice President for Open Learning  
Massachusetts Institute of Technology

A handwritten signature of Vivek Farias in black ink.

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**Vivek Farias**

Patrick J. McGovern (1959) Professor  
Professor of Operations Management  
MIT Sloan School of Management