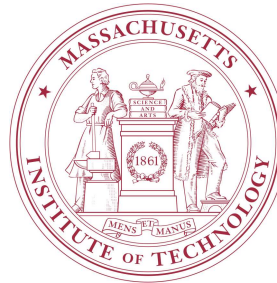




Massachusetts Institute of Technology

This is to certify that

Qi Guo



has successfully completed

**Data Science and Big Data Analytics: Making
Data-Driven Decisions**

Awarded 1.8 Continuing Education Units (CEUs)

May 7 - June 25, 2018

A handwritten signature in black ink, likely belonging to Sanjay Sarma.

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Philippe Rigollet
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