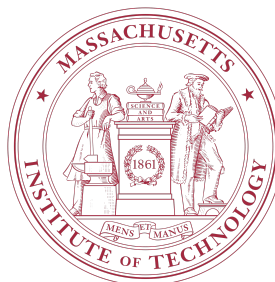




Massachusetts Institute of Technology

This is to certify that

SWASTIK



has successfully completed

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

Awarded 1.8 Continuing Education Units (CEUs)

October 23 - December 17, 2017

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

Sanjay Sarma
Vice President for Open Learning
Massachusetts Institute of Technology

A handwritten signature in black ink, appearing to read "Devavrat Shah".

Devavrat Shah
Professor, Electrical Engineering and Computer Science
Director, Statistics and Data Science Center
Massachusetts Institute of Technology

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

Philippe Rigollet
Associate Professor, Mathematics
Core Member, Statistics and Data Science Center
Massachusetts Institute of Technology