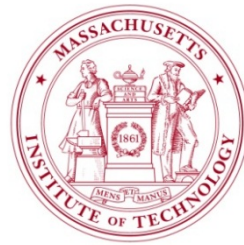


Massachusetts Institute of Technology

This is to certify that

nora petrova



has successfully completed

Tackling the Challenges of Big Data

February 3 – March 17, 2015
(20 hours)

An online program developed by the faculty of the MIT Computer Science and Artificial Intelligence Laboratory
in collaboration with MIT Professional Education and edX.

A handwritten signature in black ink, reading "Bhaskar Pant".

Bhaskar Pant
Executive Director
MIT Professional Education

A handwritten signature in black ink, reading "Daniela Rus".

Daniela Rus
Professor & Director
MIT Computer Science and
Artificial Intelligence Laboratory

A handwritten signature in black ink, reading "Sam Madden".

Sam Madden
Professor & Director, Big Data Initiative,
MIT Computer Science and
Artificial Intelligence Laboratory