

VERIFIED

CERTIFICATE *of* ACHIEVEMENT



This is to certify that

Mirza Ibrahimovic

successfully completed and received a passing grade in

15.053x: Optimization Methods in Business Analytics

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

A handwritten signature in black ink, reading "James B. Orlin".

James B. Orlin

Edward Pennell Brooks Professor of Operations Research

MIT Sloan School of Management

A handwritten signature in black ink, reading "Sanjay Sarma".

Sanjay Sarma

Vice President for Open Learning

Massachusetts Institute of Technology



VERIFIED CERTIFICATE
Issued October 26, 2016

VALID CERTIFICATE ID
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