



MASSACHUSETTS INSTITUTE OF TECHNOLOGY
SLOAN SCHOOL OF MANAGEMENT

THIS IS TO CERTIFY THAT

Brent Robert Ruth

HAS SUCCESSFULLY COMPLETED THE EXECUTIVE PROGRAM

Artificial Intelligence: Implications for Business Strategy

November 2018

A handwritten signature in black ink that reads "Peter Hirst". The signature is written in a cursive style with a long horizontal stroke at the end.

PETER HIRST
Associate Dean, Executive Education