



10/25/2016

John Maged Ramzy Malaty

has successfully completed

Practical Machine Learning

an online non-credit course authorized by Johns Hopkins University and offered through Coursera

A handwritten signature in black ink, appearing to read "Jeff Leek", followed by a horizontal dotted line.

Jeff Leek, PhD; Roger Peng, PhD; Brian Caffo, PhD
Department of Biostatistics
Johns Hopkins Bloomberg School of Public Health

**COURSE
CERTIFICATE**



Verify at coursera.org/verify/EC5BFBX524DX

Coursera has confirmed the identity of this individual and
their participation in the course.