



JOHNS HOPKINS
UNIVERSITY

03/27/2018

Luis Alberto Alaniz Castillo

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, Roger Peng, Brian Caffo".

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/2NHEFJ3DJXDK

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