



01/20/2016

Mostafa Ahmed Abd EL-Salam

has successfully completed

A Crash Course in Data Science

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

A handwritten signature in black ink, appearing to read "Brian Caffo".

Jeffrey Leek, PhD, Brian Caffo, PhD, MS, Roger D. Peng, PhD

**COURSE
CERTIFICATE**



Verify at coursera.org/verify/2KA5VKSJVGYD

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