



JOHNS HOPKINS  
UNIVERSITY

08/14/2016

**Xia Song**

has successfully completed

**Getting and Cleaning Data**

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

A handwritten signature in black ink, likely belonging to one of the faculty members mentioned in the text below.

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/D8UNDT6J6TXQ](https://coursera.org/verify/D8UNDT6J6TXQ)

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