



12/24/2019

丽南 周

has successfully completed

数据科学家的工具箱

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

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/2DLVMQ75RS2S](https://coursera.org/verify/2DLVMQ75RS2S)

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

Some online courses may draw on material from courses taught on campus but are not equivalent to on-campus courses. This certificate does not affirm that this learner was enrolled as a student at Johns Hopkins University in any way. It does not confer a JHU grade, course credit or degree; establish any relationship between this learner and JHU or other JHU affiliate; enroll or register this learner at JHU or other JHU affiliate or in any course offered by JHU; or entitle this learner to access or use the resources of JHU or other JHU affiliates beyond the online courses provided by Coursera.