

COURSE CERTIFICATE

04/14/2020

## Amr Mohamed Ashour

has successfully completed

## A Crash Course in Data Science

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



Bun alle / // les Des

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

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 has confirmed the identity of this individual and Coursera.

Verify at coursera.org/verify/DKU35R8KB9WZ 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.