



JOHNS HOPKINS
UNIVERSITY

Feb 3, 2025

Renuka Singh

has successfully completed

The Data Scientist's Toolbox

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

A handwritten signature in black ink, likely representing 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/4A74FZY9ELZ

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

This certificate does not affirm that this learner was enrolled as a student at Johns Hopkins University. It does not confer a JHU grade, course credit or degree; establish a relationship between this learner and JHU; enroll or register this learner at JHU or in any course offered by JHU; or entitle this learner to access or use resources beyond the online courses provided by Coursera.