



JOHNS HOPKINS
BLOOMBERG SCHOOL
of PUBLIC HEALTH

JULY 02, 2015

Sawan Kumar

has successfully completed

R Programming

a 4 week 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

VERIFIED
CERTIFICATE



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Coursera has confirmed the identity of this individual and
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This certificate does not confer academic credit toward a degree or official status at the Johns Hopkins University.



JOHNS HOPKINS

BLOOMBERG SCHOOL
of PUBLIC HEALTH

AUGUST 04, 2015

Sawan Kumar

has successfully completed

Regression Models

a 4 week online non-credit course authorized by Johns Hopkins University and offered through Coursera

Jeffrey Leek, PhD
Department of Biostatistics
Johns Hopkins Bloomberg School of Public Health

Roger D. Peng, PhD
Department of Biostatistics
Johns Hopkins Bloomberg School of Public Health

Brian Caffo, PhD, MS
Department of Biostatistics
Johns Hopkins Bloomberg School of Public Health

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JOHNS HOPKINS
BLOOMBERG SCHOOL
of PUBLIC HEALTH

11/04/2015

Sawan Kumar

has successfully completed

Practical Machine Learning

a 4 week 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

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JOHNS HOPKINS
BLOOMBERG SCHOOL
of PUBLIC HEALTH

11/30/2015

Sawan Kumar

has successfully completed

Developing Data Products

a 4 week 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

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