

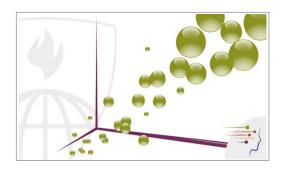
JUNE 04, 2015

## Statement of Accomplishment

WITH DISTINCTION

## ZÉ LACERDA

HAS SUCCESSFULLY COMPLETED THE JOHNS HOPKINS UNIVERSITY'S OFFERING OF



## **Exploratory Data Analysis**

Covers exploratory data summarization techniques that are applied before modeling to inform development of complex models. Topics include plotting in R, principles of constructing graphics, and common multivariate techniques used for high-dimensional data visualization.

ROGER D. PENG, PHD

DEPARTMENT OF BIOSTATISTICS, JOHNS HOPKINS BLOOMBERG SCHOOL OF PUBLIC HEALTH

JEFFREY LEEK, PHD

DEPARTMENT OF BIOSTATISTICS, JOHNS HOPKINS BLOOMBERG SCHOOL OF PUBLIC HEALTH

BRIAN CAFFO, PHD, MS

Bun Calle

DEPARTMENT OF BIOSTATISTICS, JOHNS HOPKINS