



10 Courses

**The Data Scientist's Toolbox**

**R Programming**

**Getting and Cleaning Data**

**Exploratory Data Analysis**

**Reproducible Research**

**Statistical Inference**

**Regression Models**

**Practical Machine Learning**

**Developing Data Products**

**Data Science Capstone**



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## Jayachandra Yanamandala

has successfully completed the online, non-credit Specialization

# Data Science

The Data Science Specialization covers the concepts and tools for an entire data science pipeline. Successful participants learn how to use the tools of the trade, think analytically about complex problems, manage large data sets, deploy statistical principles, create visualizations, build and evaluate machine learning algorithms, publish reproducible analyses, and develop data products. This certificate does not confer academic credit toward a degree or official status at the Johns Hopkins University.

Jeff Leek, PhD; Roger Peng, PhD; Brian Caffo, PhD

Department of  
Biostatistics  
Johns Hopkins  
Bloomberg School of  
Public Health

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