

# Data science manager: qualifications and skills

---

Jeff Leek

@jtleek

[www.jtleek.com](http://www.jtleek.com)

# What does a data science manager do?

- Builds a data team

- Sets goals and priorities

- Manages data science process

- Interacts with other groups



# What skills do they need?

- Knowledge of software/hardware

- Knowledge of roles

- Knows what can and can't be achieved

- Strong communication

About This Specialization

Courses

Pricing

Creators

FAQs

## Data Science Specialization

From \$29

**Enroll**

Starts September 7, 2015

### COURSE 1

## The Data Scientist's Toolbox

Starts September 7, 2015

Commitment 1-4 hours/week

Duration 4 weeks

### About the Course

In this course you will get an introduction to the main tools and ideas in the data scientist's toolbox. The course gives an overview of the data, questions, and tools that data analysts and data scientists work with. There are two components to this course. The first is a conceptual introduction to the ideas behind turning data into actionable knowledge. The second is a practical introduction to the tools that will be used in the program like version control, markdown, git, GitHub, R, and RStudio.

### COURSE 2



bitly

## Real-Time Media Map

1. Select a media type

Online only

2. Select your view

By topic

Winners by state

Both

Media Properties Legend  
(click to view by property)

- Huffington Post
- Mashable
- TechCrunch
- BuzzFeed
- TMZ
- Gawker
- Slate
- The Onion
- Politico
- Salon



● Stories from BuzzFeed  
*Stories that are trending this week*

Which "Mighty Ducks" Character Are You

Read Story

33 Hungarian Foods The World Should Know And Love

Read Story

36 GIFs That Sum Up Your First Lesbian Sexual Experience

Read Story

Which "Scandal" Character Are You

Read Story

27 Clever Ways To Use Everyday Household Items

Interested in what Bitly can do with your link click data? Please reach out to us at [community@bitly.com](mailto:community@bitly.com)

Panasonic

**Background of data managers**

**Data science + management**

**Data engineering + management**

**Management + training in data science**

About This Specialization

Courses

Pricing

Creators

FAQs

## Data Science Specialization

From \$29

**Enroll**

Starts September 7, 2015

### COURSE 1

## The Data Scientist's Toolbox

Starts September 7, 2015

Commitment 1-4 hours/week

Duration 4 weeks

### About the Course

In this course you will get an introduction to the main tools and ideas in the data scientist's toolbox. The course gives an overview of the data, questions, and tools that data analysts and data scientists work with. There are two components to this course. The first is a conceptual introduction to the ideas behind turning data into actionable knowledge. The second is a practical introduction to the tools that will be used in the program like version control, markdown, git, GitHub, R, and RStudio.

### COURSE 2



[About This Specialization](#)[Courses](#)[Pricing](#)[Creators](#)[FAQs](#)

## Executive Data Science Specialization

From \$49

Enroll

Starts September 15, 2015

# Be The Leader Your Data Team Needs

Learn to lead a data science team that generates first-rate analyses in four courses.

About This Specialization

Assemble the right team, ask the right questions, and avoid the mistakes that derail data science projects.

In four intensive courses, you will learn what you need to know to begin assembling and leading a data science enterprise, even if you have never worked in data science before. You'll get a crash course in data science so that you'll be conversant in the field and understand your role as a leader. You'll also learn how to recruit, assemble, evaluate, and develop a team with complementary skill sets and roles. You'll learn the structure of the data science pipeline, the goals of each stage, and how to keep your team on target throughout. Finally, you'll learn some down-to-earth practical skills that will help you overcome the common challenges that frequently derail data science projects.

Created by:



# Key characteristics

Knowledgeable

Supportive

Thick skinned

Polite but relentless

