

Data Science and Data Engineering Bootcamp

Welcome!

About Data Science Dojo

- Started in August 2014
- 31 bootcamps, workshops and corporate training
- Over 1500 attendees
- 100+ companies
- 9 countries (3 more coming up in Feb and March)

Common Perception

- 6-12 week bootcamps
- Ph.D. with strong math background
- Mathematics
 - Linear algebra, probability, statistics, optimization, graph theory
- Engineering
 - Programming, distributed and cloud computing

Unlike popular opinion, we
believe that

getting started with data science is easy.

Curriculum

Success Metrics

At the end of the bootcamp, **each and every attendee** should be able to:

- Explore an unknown dataset
- Build, evaluate, fine-tune, and deploy a predictive model as a service
- Build an end-to-end big data pipeline to handle large volumes of data – even if the data is arriving in real time

What if I am unable to?

We will work with you to make sure that it happens.

However, we will need your full commitment for this.

Logistics

- 8:00am – 6pm daily (Teaching team will arrive early and leave late)
- Software and getting computers ready
- Course material
 - Books
 - Git repository. Please send a request if you have not already.
- Request
 - Keep the session interactive
 - Social media, email...

Agenda for Today

Before we get started:

- Quiz/Exercise on R fundamentals

Session I: Data exploration, visualization and feature engineering

Session II: Introduction to predictive modeling

Session III: Decision Tree Learning and building your first predictive model

Round of Introductions