

Data Science and Data Engineering

Data Science for Everyone

About Data Science Dojo

- Started in August 2014
- 45 bootcamps, workshops and corporate trainings
- [1900+ attendees](#)
- [200+ companies](#)
- 9 countries

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.

We will need your full commitment for this.

Logistics

- 8:00 am – 6:00 pm daily
- Please make sure that your computers are ready
- Course material
 - Books
 - Git repository.
- Request
 - Keep the session interactive
 - Social media, email...

Post-Bootcamp

- Office hours
 - Schedule to be announced
- Mentored Kaggle project participation
- More topics covered through webinars
- Certification for participation
- LinkedIn group for alumni

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

R PROGRAMMING QUIZ