

Data Science and Data Engineering Bootcamp

Welcome!

About Us

Education

- Workshops and bootcamps
- Free community events
- Corporate trainings
- Academic partnerships

Solutions

- Oil and gas
- Retail
- Healthcare

About Data Science Dojo

- 10 months
- 15 workshops and bootcamps
- 700+ attendees
- 50+ companies
- 4 countries

Unlike popular opinion, we
believe that

data science is easy.

So the 12-week bootcamps are not...



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
- Build a streaming data processing pipeline

What if I am unable to?

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

Of course, we will need your full commitment for this.

Logistics

- 9am – 5pm daily (Teaching team will arrive early and leave late)
- Software and getting computers ready
- Course material
 - Material in welcome folder
 - Books
 - Git repository
- Request
 - Keep the session interactive
 - Social media, email...

Post-Bootcamp

- Office hours
 - Schedule to be announced
- Mentored project participation
- Any topic we are unable to cover will be covered through webinars

Agenda for Today

Before we get started:

- Pre-bootcamp survey – 10 minutes
 - <http://goo.gl/forms/MWXssyTssg>
- Quiz/Exercise on R fundamentals – 30 minutes

Session I: Data exploration, visualization and feature engineering – 2 hours

Session II: Introduction to predictive modeling – 2 hours

Session III: Metrics and methods for classifier evaluation – 1 hours

Session IV: Deploying a predictive models as a web service – 1 hours

Introductions