

Data Science Engineering Club @DogPatchLabs



Roman Golovnya

27 June 2018



Agenda:

- [18:00 - 18:15] Registration, Networking
- [18:15 - 18:30] Introduction to Data Science and Engineering Club by Roman Golovnya
- [18:30 - 19:00] Practical Examples of Serverless Architecture using AWS Lambda and PyWren as SQS Python Workers by Juan Pizarro
- [19:00 - 19:30] Storytelling and Presentation Skills -Toastmasters by Cecil Kirk
- [19:30 - 19:40] Break
- [19:40 - 20:00] Data Visualization in Python (Bokeh & Holoviews) by Sahil Dadia
- [20:00 - 20:20] Building a Data Analytics Portfolio by Jamie Renehan
- [20:20 - 20:50] Networking

About me

Roman has a decade of experience gained in IT, Financial Services and start-up companies. He is a founder of Data Science Engineering Club. Currently, he works on a few data engineering projects and exploring new business opportunities.

In his free time, he organizes this meetup group, shares his knowledge and participates in Kaggle competitions.

Data Science Engineering Club

The Data Science and Engineering Club goals are to share knowledge, experience, learn new techniques, practice new programming languages and frameworks.

<https://www.meetup.com/Data-Science-and-Engineering-Club/>

We are data enthusiasts, who organize workshops and presentations in the areas of Data Acquisition, Data Wrangling, Data Storage, Data Engineering, Machine Learning, Data Science, Distributed and Cloud Computing. We review Data Science practices via Data Science Engineering Fundamentals program, Data Science Engineering projects and Kaggle competitions.

Please let Roman Golovnya know if you're interested in hosting a Data Science and Engineering Club meetup in your office or would be interested in speaking at a future event!

Projects

<https://www.kaggle.com/competitions>



Home Credit Default Risk

Can you predict how capable each applicant is of repaying a loan?

Featured · 2 months to go · 16 interest, banking, credit, data



Santander Value Prediction Challenge

Predict the value of transaction for potential customers.

Featured · 3 months to go · 16 finance, banking



TrackML Particle Tracking Challenge

High Energy Physics particle tracking in GEANT4 detector

Featured · 2 months to go · 16 physics, machine, data



The 2nd YouTube-8M Video Understanding Challenge

Can you create a content-aware model to predict video labels?

Featured · 3 months to go · 16 video, data, content, learning



Avito Demand Prediction Challenge

Predict demand for a used keyboard that will

Featured · 3 days to go · 16 internet, data, image, data, data, data



House Prices: Advanced Regression Techniques

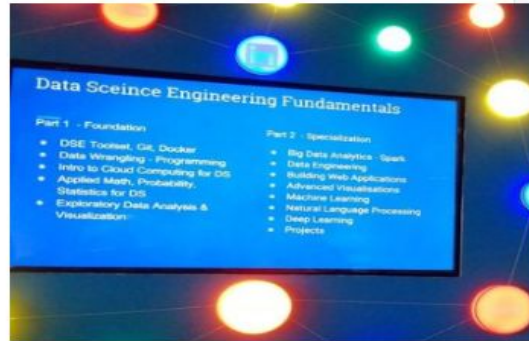
Predict house prices and practice feature engineering, RF, and gradient boosting

Getting Started · 3 days to go · 16 machine, data, regression

Kaggle competitions

Lets start with Kaggle competitions.

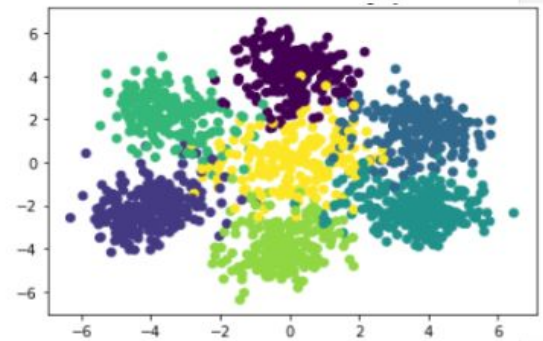
[Read more](#)



Data Science Engineering fundamentals

The purpose of this program is to review Data Science Engineering fundamentals via presentations and workshops.

[Read more](#)



Clustering project

Financial data segmentation project.

[Read more](#)

Data Science Engineering Fundamentals Program

Part 1 - Foundation

- DSE Toolset, Git, Docker
- Data Wrangling - Programming
- Applied Math, Probability, Statistics for DS
- Intro to Cloud Computing
- Data Analysis
- Data Visualization & Storytelling

Part 2 - Specialization

- Big Data Analytics - Spark
- Data Engineering & DevOps
- Data Management Systems
- Building Web Applications
- Advanced Visualizations
- Machine Learning
- Natural Language Processing
- Deep Learning
- Projects

Next meetup

Saturday, July 7, 2018

Applied Math, Probability and Statistics for Data Science



Hosted by [Roman Golovnya](#)

From [Data Science and Engineering Club](#)

Public group

You're going 58 people going



Share:

Details

The purpose of the Data Science Engineering Fundamentals program is to review Data Science fundamentals via presentations and workshops. We will have a good mix of theory and hands-on practical sessions. The participants will be encouraged to share their experience and work on the projects of their choice.

An agenda and speakers list will be updated close to the day of the event.

Let Roman Golovnya know if you keen to present at this or future events at Data Science and Engineering Club. You can contact via meetup messages or email roman.golovnya@gmail.com.

Organizer tools



Saturday, July 7, 2018

9:30 AM to 12:45 PM

[Add to calendar](#)



Bank of Ireland Trinity branch,
Hamilton Building, Trinity Campus
Dublin · Dublin

How to find us

Please click on the link or google map
for the correct address

<https://www.tod.ie/Maps/map.php?b=195>

We need
you to join
our crew!



Contact us

Via meetup.com/messages/

<https://dseclub.slack.com>

roman.golovnya@gmail.com

<https://github.com/dseclub/DSEF>



Any Questions ?