

Data Science Society  
Explore Data Together





# Data Science Society

**ONLINE | EDUCATION | FUN**

Building a global society where Data Scientists can collaborate and benefit from each other all over the world

We believe in new forms of education plus the proven ones. Be flexible and follow the cutting edge technologies

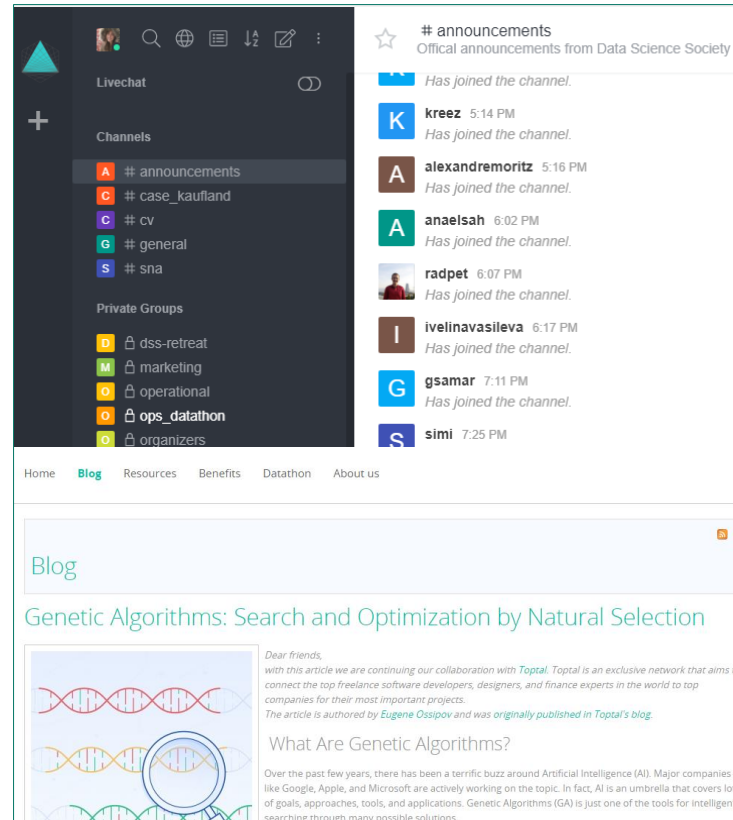
To develop a friendly environment where people are able to learn and experiment.

# What we have ?



**Online Datathons**

Weekend-long challenges where data experts and enthusiasts are challenged to work on a real-world case based on the provided datasets in a team



**Online presence**

We have an active online community that we reach through web, social media, Data.Chat and our Data.Platform



**Online Meetups/ Workshops**

Regular meetups, workshops and seminars where experts and practitioners share practical experience and solutions to interesting cases.



## 60+ meetups and conferences

Monthly events and conferences where people with expertise in different areas share their cases and problems in different domains



## 81 solutions from 26 cases

More than 85 teams were involved with 1 to 25 years of expertise solving various business cases.



## 4 Datathons

Weekend-long online and physical competition with real-world business cases, top experts, 350+ participants, 20+ countries.

## More than 3000 members

3 000 members and more than 1000 active users in Data.Platform from 50 countries.



## 15+ training sessions

Various trainings, workshop, master classes, summer school etc... are organized with practical implications in Data Science domain.



## Strong online presence

5 000+ followers on DSS social channels, 50+ videos & 25+ presentations, educational materials, many articles, events etc...



# ⌵ ⌶ Cases and support provided by

## Top Companies



## SME



## Providers







# Past international #Datathon2018



39 teams



38 solutions



9 cases



144 participants



24 countries



32 mentors and  
industry experts



16563 messages  
exchanged



493 chat rooms



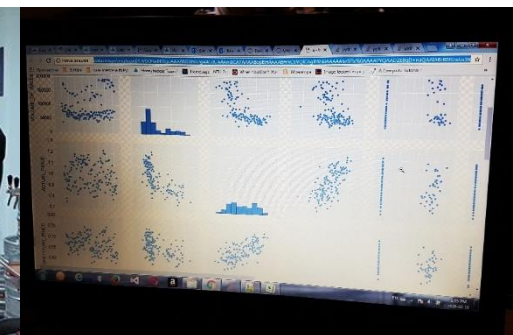
The #Datathon2018 participants managed to solve all cases



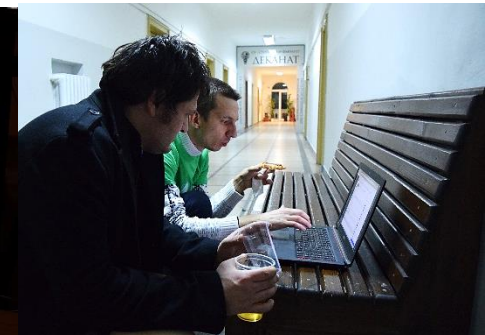
There was **great fun** with more than 4 fun sessions



A lot of **beer and pizza** was consumed



**38 quality Data solutions** at the end



Great results **challenging** even for the companies



# Impressions



**Milena Yankova**

Head of Research &  
Innovation

"The results of our case are impressive and have further motivated our R&D department to explore more opportunities and apply some of the team results that worked on it."



**Shashank Shekhar**

Manager - Data Sciences .

"The best thing about this Datathon was its global footprint. I was amazed by the sheer enthusiasm that the participants demonstrated. The resilience and adaptability shown by a lot of them in providing a working solution to real life problems made this Datathon a huge success."



"From all finalists we did see good and novel approach... also those who didn't arrive to finals, were also really close ... so good job to all teams!"



**Tomislav Križan**

CPO, Member of the Board



**Agamemnon Baltagiannis**

Principal Data Scientist



"Thank you all for this great weekend. It was a fantastic challenge and I am happy that I saw deep technical work from all the participants! I will be always here to support the DSS community"



"The teams solutions were well documented in CRISP-DM Methodology at Datathon 2018 organized by DSS, in which Kaufland was proud to participate"



# Our meetups



**Practical and experts**

Share your practical experience and showcase your expertise in front of the crowd Online and Offline



**We believe in education and youth**

Alternative methods for presenting and sharing experience via meetups, workshops and other educational forms



**Networking / Have fun and beer**

Meet like minded enthusiasts, talk with mentors and top talents in an informal meeting at our “Data talk & Beer” sessions



# Online presence

Julian and 3 others Retweeted

**KDnuggets** @kdnuggets · Jan 15

DSS Datathon 2018: Global #Data Challenge: challenge yourself, experiment and learn in a friendly environment, have fun with old and new friends at #Datathon2018. Online or at Sofia University, #Bulgaria #DataScience #BigData [buff.ly/2mw0Y8i](http://buff.ly/2mw0Y8i)

2 12 16

Ryan Swanstrom liked

**Sameer Yadav** @Samful\_Insights · Feb 3

#Datathon2018: An online Data Hackathon [dlvr.it/QDn7LH](http://dlvr.it/QDn7LH)

4 5

**Kirk Borne**  
Principal Data Scientist and Executive Advisor at Booz Allen Hamilton  
2mo

Check out the Data Science Society's First Global Data Challenge – #Datathon2018. The main aim is to promote the Data Science domain through a practical applications event -- a 2-day data hackathon (Datathon). One of the goa ...see more

**Datathon 2018**  
[datasciencesociety.net](http://datasciencesociety.net)

The Datathon is a weekend-long online competition where you are challenged to work on a real-world b...

80 Likes · 5 Comments

**Social networking**

We are virtual and are exploring all relevant channels like Facebook, LinkedIn, Twitter, Youtube and Slideshare

Home Blog Resources Benefits Datathon About us

Blog

## Genetic Algorithms: Search and Optimization by Natural Selection

Dear friends, with this article we are continuing our collaboration with *Topical*. *Topical* is an exclusive network that aims to connect the top freelance software developers, designers, and finance experts in the world to top companies for their most important projects. The article is authored by *Eugene Ossipov* and was originally published in *Topical's* blog.

### What Are Genetic Algorithms?

Over the past few years, there has been a terrific buzz around Artificial Intelligence (AI). Major companies like Google, Apple, and Microsoft are actively working on the topic. In fact, AI is an umbrella that covers lots of goals, approaches, tools, and applications. Genetic Algorithms (GA) is just one of the tools for intelligent searching through many possible solutions.

general  
Say hi and intro yourself

announcements  
case\_telenor  
cv  
general  
issues  
ml  
ml\_text\_mining  
probability  
sns

Private Groups  
data-retreat  
marketing  
operational  
vps\_datathon  
text\_streaming2  
website

**vsanderov** 11:28 AM  
@vsanderov Ontotext offers a database found under <<http://data.ontotext.com>> containing the data from Bulgarian Trade Register, Bulgarian Public Procurements, together with the data from the Panama Papers (Linked Leske).

**aiming** March 2, 2018 4:20 PM  
@vsanderov @yassen we spoke about your previous project on the first Datathon. Do we have working links or article? Association of European Journalists and another media are asking me how to use the database and make simple SPARQL requests. Can you both provide something I assume that and ontotext can help @andreytagarev @laura. What do you think?

**denitsay** thank you for organizing and @hvirgizov for the presentation! Unfortunately, I couldn't participate due to travel. Good morning, everyone!

**denitsay** March 6, 2018 10:13 AM  
Today @hvirgizov of us can dive deep into the team Cherry solution of the #case\_kaufland. Check their article at <https://goo.gl/1qj26> and ask your questions in the #cv channel, devoted to Computer Vision. The online #cv Meetup will start at 19:00 (GMT +2), so see you soon at the live session in the Data.Chat, #cv channel

@vladimir\_ufarov offers and short Python intro (not specifically data science related). I bought it recently on a great discount but

**Data.Platform**

More than 200 articles and 56 solutions are published on Data.Platform also we have Data.Chat facilitating society communication

Data Science Society Live Stream

752 views

20 0 SHARE

n[149]:

```
all_recievers = list(recievers_tree['Subscriber_B'].unique())
```

n[150]:

```
all_people_calling_recievers = telenor_links[telenor_links['Subscriber_B'].isin(all_recievers)]
```

n[151]:

```
all_people_calling_recievers = telenor_links[telenor_links['Subscriber_B'].isin(all_recievers)]
```

n[152]:

**Materials online visibility**

All generated videos, codes, used data, presented materials are available online and promoted via respective channels

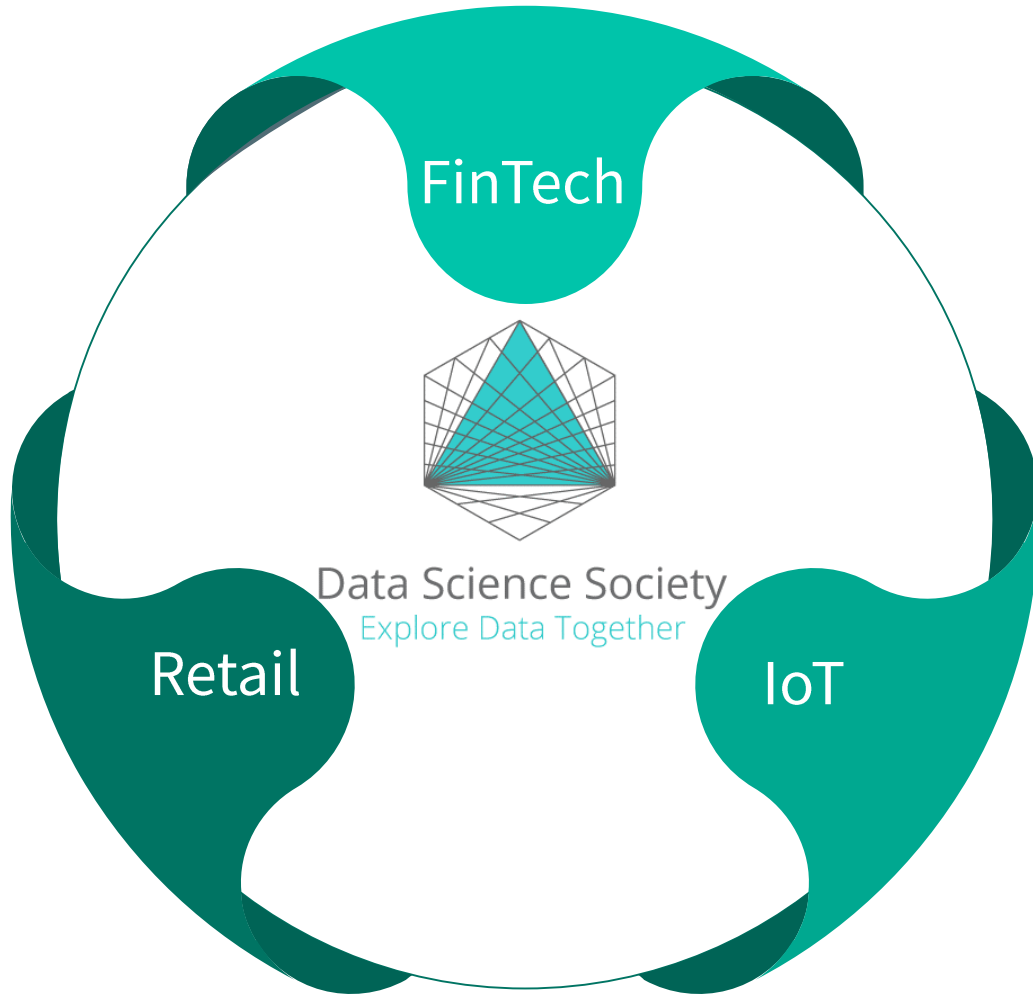


**What comes next ?**





# A Global Datathon

**Date:**

28-30 Sept 2018

**Scope:**

Challenge global experts to put their creativity and capacity for innovation to work with their virtual teams in three main areas #FinTech, #IoT and #Retail

**Details:**

International two days hackathon where multiple teams, statisticians-mathematicians and domain experts come together (virtually and physically) to work as teams on data related business cases. [Website](#)

**Case Structure:**

- ☐ Business problem formulation
- ☐ Research problem specification
- ☐ Data
  - ☐ Data description (if data set is provided)
  - ☐ Data prescription (if participants will collect data)
- ☐ Technical requirements
- ☐ Expected outputs

[Example](#)



# The crazy team



Driver

**Sergi Sergiev**

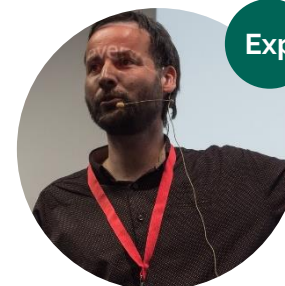
The Head



Driver

**Angel Marchev, PhD**

The Heart



Exp

**Alexander Efremov, PhD**

The Brain



Mrkt

**Dentisa Yordanova**

Our smile



Dig

**Kristian Daskalov**

Digital bot



PM

**Petia Parvanova**

"Everything can be structured"



Exp

**Vladimir Labov**

Humor matters



Exp

**Pavel Nikolov, PhD cand**

Happy and proud father



Exp

**Anton Nenov**

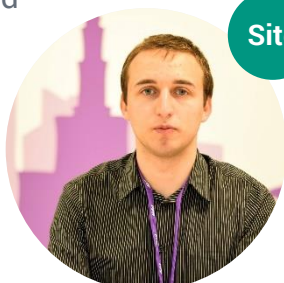
Give me more data



Event

**Svetoslav Vaksevski**

Graphic power



Site

**Stephen Panev**

Young enthusiast

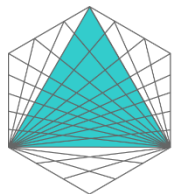


Exp

**Petar Nikolov, PhD cand**

Our Italiano





Data Science Society

Organizer:

You can read more about us at our website or social networks:

<http://datasciencesociety.net>

Contacts:

For questions or more details, you can reach us directly.

Email: [info@datasciencesociety.net](mailto:info@datasciencesociety.net)

Phone: +359 888 400 290

Thank You!

