



LSESU
data science society

Give It A Go

Wed 30/09/2020 14:00 - 15:00 BST

Agenda

- Our mission
 - What is data science and why you should care?; DEMO - 5 mins * 3 examples (econ, light hearted)
 - Data Science towards your careers and interests
 - How do I get started?
- What do we do?
 - Community
 - Events -
 - Projects
- How can you get involved?
 - Society structure
 - subcommittee recruitment!
 - Projects signup
 - upcoming events,
- (10min) Summary and Q&A
- We want to hear from you - Survey or send us a message



LSESU
data science society

Our Mission

LSESU Data Science Society

Reborn in 2020, expanding focus on Data Science, and tech in general

1. Build a data science community at LSE
2. Expose LSE students to data science and its potential



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What is Data Science... and why you should care

- Using these statistical / programming tools - combined with domain knowledge - and methods to derive meaning (and understand the causes of things), build solution to problems
- Some buzzwords: Big Data, Machine Learning, Artificial Intelligence

Examples I

Really cool demo 1

<https://teachablemachine.withgoogle.com/>

<https://news.ycombinator.com/item?id=24389748>

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Magenta Tensorflow

Class Detection - <https://teachablemachine.withgoogle.com/>

Style Transfer - <https://reiinakano.com/arbitrary-image-stylization-tfjs/>

Examples II - some more light hearted

- https://cs.stanford.edu/people/karpathy/convnetjs/demo/image_regression.html
- Combines the style of two images - <https://reiinakano.com/arbitrary-image-stylization-tfjs/>
-

How can you use it in your career?

- **Make it your career** - data scientist, data analyst, data engineer, machine learning engineer etc. etc. etc.
 - Problems of : how to build systems that can collect, store, manage data efficiently and how to analyse and build models on that data
- **General programming / problem solving / data analysis skills**
- **Many fields USING data science / programming, interdisciplinary skills!**
 - Econ, Social Sciences
 - Finance - (even investment bankers for automation)
 - Many others:

How to get started?

- Join the society 😂
- Learn one+ programming languages (Python/R)
- Learn data engineering and data science concepts
- Work on projects, questions you're interested in



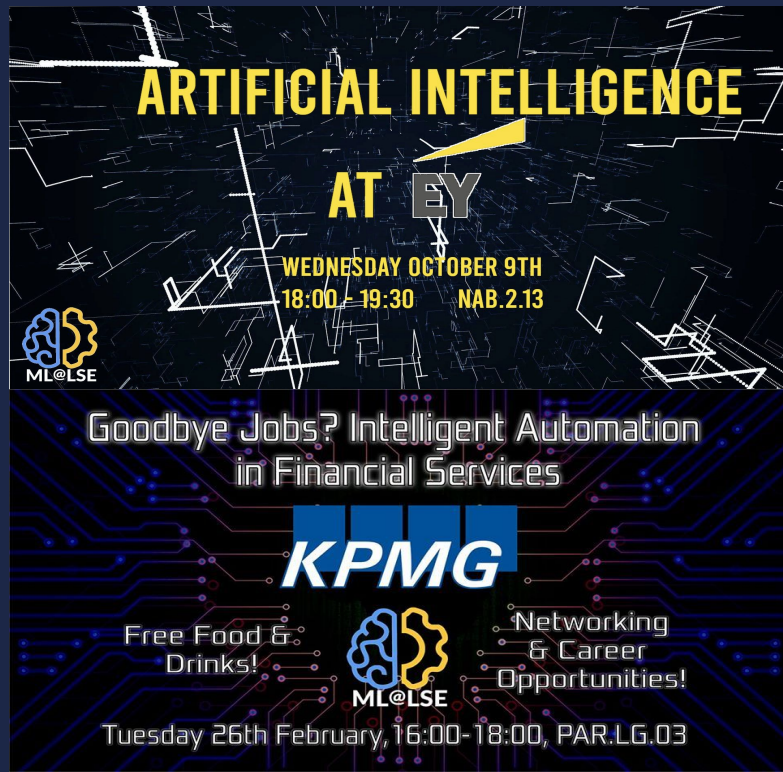
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What do we do?

Community

- Want to build a community, esp. since MT will be remote for some
- Facebook Group / Zulip (you will get an email with the links)
- Ask anything, helpdesk
- Also post A LOT about external internships, talks, hackathons

Past Events



ARTIFICIAL INTELLIGENCE

AT EY

WEDNESDAY OCTOBER 9TH
18:00 - 19:30 NAB.2.13

ML@LSE

Goodbye Jobs? Intelligent Automation
in Financial Services

KPMG

Free Food & Drinks!

ML@LSE

Networking & Career Opportunities!

Tuesday 26th February, 16:00-18:00, PAR.LG.03



Machine Learning Workshop:

Tobit Modelling,
a Machine Learning Approach

Thursday 24th Oct., 17:00 - 18:00
OLD.3.24

NEURAL NETWORKS FOR FINANCE (BEGINNERS)

all welcome!

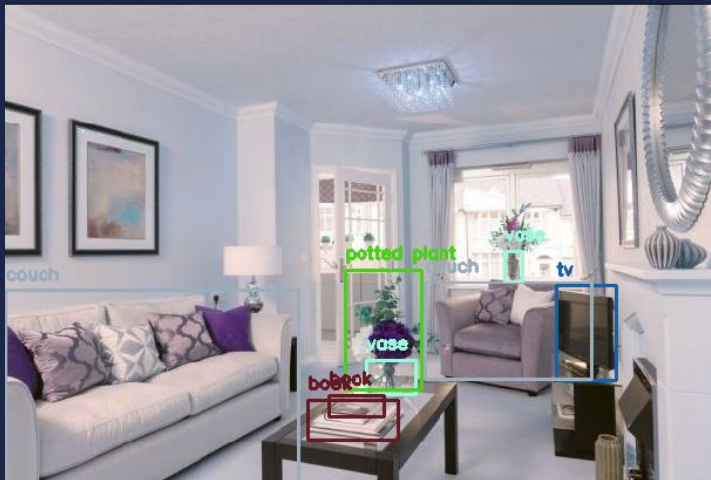
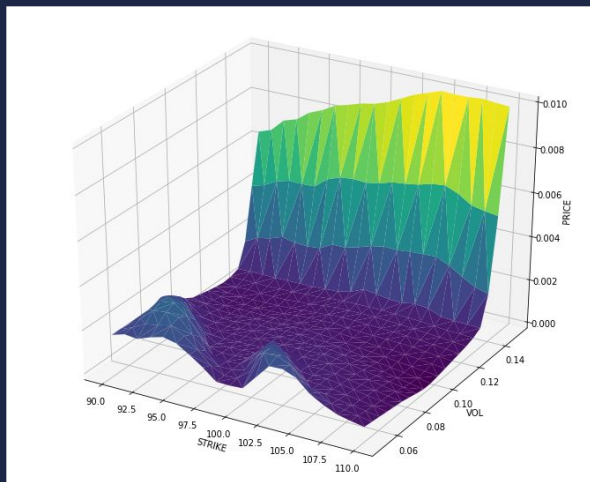
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MACHINE LEARNING

Wednesday
12th Feb.
6pm
NAB.1.18

- Speaker Events
- Educationals
- <https://dsatlse.github.io/events/>
-

Past Projects

- Data science projects - predicting stock prices, property tech
- <https://dsatlse.github.io/projects/>





How can I get involved?

Society Structure I

I am interested in data science and technology and want to learn more, and I have business/entrepreneurial/management skills.

- **Events** - Help us with the day-to-day logistics of the society; organising and planning events
- **Partnerships** - Help us to contact external organisations for events/sponsorship
- **Marketing** - Help us to promote our message on social media, market in creative ways

Society Structure II

I am interested in data science and technology, but am most interested in the more technical aspects and learning about theory.

- **Engineering** - Help us create tools/software that can be of benefit to the society
- **Education** - Help us create educational materials that can expose LSE students to Data Science
- **Projects** - Help us to organise data-science projects for members



President

 [Chris Chia](#)



Vice President

 [Zhen-Yen Chan](#)



Secretary

 [Rafay Butt](#)



Treasurer

 [Eldric Lem](#)



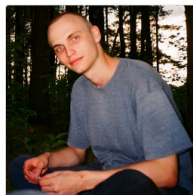
Head of Marketing

 [Hajni Ngyugen](#)



Head of Marketing

 [Rachel Soh](#)



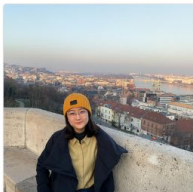
Head of Engineering

 [Konstanty Kowalewski](#)

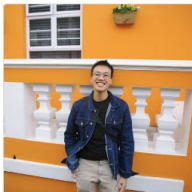


Head of Education

 [Maja Lie](#)



Head of
Partnerships



Head of Projects

 [Mun Fai Chan](#)

Subcommittee Application

- Recruiting for:
 - Events
 - Partnerships
 - Marketing
 - Engineering
 - Education
- Deadline: Oct 9th

Current Projects Application

- 4 projects currently available
- Apply here: <https://link.kszk.eu/projectsignup>
- Details on Facebook:
<https://www.facebook.com/dsatlse/posts/688539165085634>
- Deadline: 9th October 2020, 6.30pm BST
- Also looking for more experienced applicants to be Project Managers

Upcoming Events (tentative)

- **Speaker Events**
 - Natwest talk
 - LSE Stats department Dr Chen
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- **Educationals**
 - Python for MA - intro to how you can use programming for scripting, and intro to the gradient descent, a key algorithm in machine learning

Links / Contact

Facebook: <https://www.facebook.com/dslatlse/>

Instagram: <https://www.facebook.com/dslatlse/>

Email : data-science@llesu.org

Sign up: <https://link.kszk.eu/dssmembership>