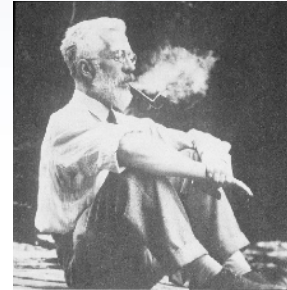
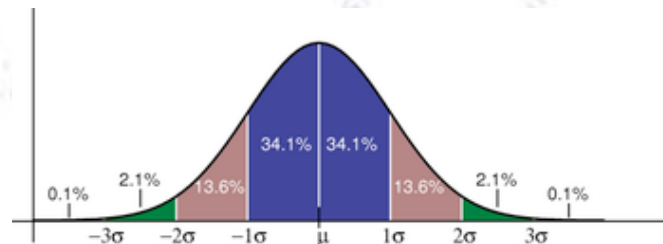


Applied ML

Final Project Presentations & Schedule



Troels C. Petersen (NBI)



"Statistics is merely a quantisation of common sense - Machine Learning is a sharpening of it!"

Your presentations

Each presentation is allotted $8 + 2N_{\text{group}}$ minutes, sharp!

In order to use this time best, please do one or more rehearsals, and also use these for “sharpening” your slides. You should try to share, who gives the presentation, and the full group should be present for questions.

Make sure that you introduce the problem and the associated data/rules. Also describe your process, discuss your choice of methods, and recount your problems/optimisation/CPU-usage/etc. And then state your results!

The final projects will be evaluated based on the following criteria:

- Complexity of problem and depth of solution (incl. appendix)
- Choice of methods and arguments behind
- ML performance and own evaluation of it
- Clarity of presentation and how much the class will learn from presentation
- Implementation, technical details, optimisation, etc. (your appendix)
- Ability to evaluate ML usage (your evaluations of other presentations)

Your presentations

Each presentation is allotted $8 + 2N_{\text{group}}$ minutes, sharp!

Your **slides, statement, and zipped code** should be uploaded to eksamen.ku.dk by Tuesday 22:00 (please name it “FinalProject_GroupMembersFirstNames.pdf”), and I will then put your slides on the course webpage, for all to see.

It is OK, if you do (minor) updates in your presentation, for the actual exam. Please send me your latest version to me in PDF before presenting.

Remember to divide your slides into two parts:

- Presentation, which is what you will present during you presentation time.
- Appendix, which documents your work.

I will start 9:00 with a short introduction. There will also be a Zoom link for external participation. We will **not** record your presentations, but base our evaluation on your presentation and your slides **including appendix**.

You will all be asked to evaluate each others projects, as a part of the course. These evaluations will **not** be used for our grading of the projects.

Your presentations

A few things to consider to make your presentation clear (read: understandable) to the audience could be:

- Make sure you present the **context, motivation, and goal** of the project.
- **Present the data in detail**: Amount, features, relations, labels, etc.
- Possibly give an **overview of methods** used, for audience to have an outline.
- **Recount the challenges** (for all to learn!) and how you dealt with them.
- **Show/compare performance clearly**, and discuss from these.
- Summarise your project in a **few clear sentences and numbers**.
- Perhaps tell us, what you would have done with more time, data, GPU, etc.

Regarding attendance and your evaluation of the other project:

We strongly urge you to attend as much as you can (for your own learning).

However, all projects will be posted ahead of the exam on the course webpage:

Thus, you can evaluate all the projects from anywhere at anytime until Thursday night.

The link to use for your evaluations is:

Wednesday final project student evaluations

Thursday final project student evaluations

Wednesday's program June 12th, 2024

Start:	Group members names	Project name/topic:	group ID	Time
09:00:00 AM	Troels			
09:15:00 AM	Julie, Bjartur, Jens	FoCalH	3	19
09:35:00 AM	Jacob, August, Laust	MOST systems	4	19
09:55:00 AM	Emil, Peter, Anna	Qubit	6	19
10:15:00 AM	Break (30')			
10:45:00 AM	Emilie, Nete, Agnete	Ward data	8	19
11:04:00 AM	Jonathan, Emilie, Andreas, Eric, Simon	Human emotion	9	23
11:27:00 AM	Andreas, Carl	Ward data	5	17
11:45:00 AM	Lunch break 1h			
12:45:00 PM	Simon, Luc, Ian, Sascha, Jakob	Audio Separation	18	23
01:08:00 PM	Ana-Iulia, Thor	IceCube	17	17
01:25:00 PM	Inigo, Xaver, Theo, Alicja	Prosumers	15	21
01:46:00 PM	Break (30')			
02:15:00 PM	Frederik, Gor, Johan, Marcus	Adversarial training	16	21
02:36:00 PM	Jens, Daniel, Asbjørn, Sejr	CCD data	2	21
02:57:00 PM	Ali, Florent	Geomagnetic storms	7	17
03:15:00 PM	Break (30')			
03:45:00 PM	Luisa, Simon, Jonas, Josephine	Glacier volumes	14	21
04:06:00 PM	Zhongqi, Hengdong, Zhenzhong	b-jet in ATLAS	13	19
04:25:00 PM	Marcus, Emma, Cerina	Glacier Volumes	1	19

Thursday's program June 13th, 2024

Start:	Group members names	Project name/topic:	group ID	Time
09:00:00 AM	Troels	Short introduction		
09:15:00 AM	Liam, Antonio, George, Dimitris	Cell damage	12	21
09:36:00 AM	Jack, Kevin, Helen, Love, Emma	Bird classification	10	21
09:57:00 AM	Mikkel, Svenja, Andrea	Wildfire prediction	11	19
10:16:00 AM	Break (30')			
10:45:00 AM	Çyan, John, Jaume, Tom	NFL	19	21
11:06:00 AM	Prune	Exoplanets (flux detrending)	20	13

Exam location

ALL Exam Presentations:
StoreUP1

