



Master Seminar: Deep Learning for Medical Applications

Presentation and Blogpost Guidelines

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Logistics

- Presentation: 20 Minutes
- Q&A: 5-10 Minutes
- Number of Slides: Approximately 20-25
- Attendance is mandatory for **at least 90%** of the sessions.
- Presentation + Blogpost Submission: Latest **2 weeks** after your presentation



Steps to Success (I): Independent Research

- 1) Read the paper assigned to you.
- 2) Investigate complimentary material that might give you more insight on the task and method at hand.
- 3) Read Blogposts, watch videos and lectures and look for code repositories complimenting the paper assigned to you.
- 4) Note down any potential questions and parts of the paper that remain unclear after your independent research.
- 5) Prepare a first version of your presentation using this guide.



Steps to Success (II) - Feedback Loop

- 6) Send the first version of your presentation to your advisor **AT LEAST two weeks before your presentation.**
- 7) Arrange a meeting with your advisor in order to receive their feedback and ask any questions that remained unclear after reading the paper.
- 8) Iterate over your presentation until you reach a final version.
- 9) Rehearse a few times before the day of your presentation to ensure your timing and slides are in order.



Steps to Success (III) - Finalize

- 10) Disseminate your presentation in a Blogpost.
- 10) Address the received questions and discussion points after your presentation.
- 11) Share your blogpost with your advisor and integrate their feedback in the final version.
- 12) Make sure to submit everything on time!



Presentation Structure (I)

1) Introduction

- Problem statement
- Motivation
- Briefly mention related works

2) Methodology

- Detailed explanation of the method proposed in the paper
- How does the proposed method differ from previous works



Presentation Structure (II)

3) Experimental Setup

- Datasets
- Evaluation baselines
- Training setup

4) Results and Discussion

- Selected results that show the effectiveness of the proposed method
- Raise discussion points based on the results
- Potential drawbacks/challenges of the method



Presentation Structure (III)

5) Conclusion and Future Work

- Open questions
- Applicability of the method to different fields
- Own view of the paper
- Lessons learned



Important Points

- Encourage the audience to engage in discussion after your presentation.
- Talk about open questions and share your own view of the paper and its potential future impact.
- In order to maintain the interest of the audience make sure the storyline of your presentation is engaging.
- Proofread your presentation and do not copy-paste statements directly.
- You can use figures from other sources but always make sure to cite them.



References

- The citations should be placed at the footer of the slide they are being mentioned.
- Full list of authors, title, conference/journal of publication and year should be mentioned.
- An example can be found in [1].



[1] Furrer F, Clot J, Haller DM. How to perform a successful scientific presentation?, Revue Medicale Suisse, 2019

Blogpost

- Length: Around 1000-2000 Words
- Structure: Similar to the presentation. Should sum up the paper and with highest emphasis in:
 - Problem Statement
 - Methodology
 - Results and Discussion



Blogpost

- Advice:
 - <https://www.fast.ai/2019/05/13/blogging-advice/>
- Check out these blogs:
 - <https://bair.berkeley.edu/blog/>
 - <http://ai.stanford.edu/blog/>
 - <https://blog.ml.cmu.edu/>





Good Luck!

Feel Free to Contact Us for Questions

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