# Data Analytics Seminar 1

ISMLL

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# Seminar - Machine Learning Applications in SN

**Introduction**

- ▶ Machine Learning Applications in Social Networks
  - ▶ Recommender Systems
  - ▶ Location Prediction
  - ▶ Link Prediction
  - ▶ Event Detection
  - ▶ Sentiment Analysis
- ▶ When ? Tuesday 14:00 - 16:00
- ▶ Where ? B 026 (Samelsonplatz)
- ▶ LearnWeb : WiSe 2018/19: 3110 Data Analytics I

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### Seminar Tasks and Activities :

- ▶ One paper and a presentation day are assigned per-person
  - ▶ The presentation final version must be submitted to Learn-Web one week in advance (Tuesday night).
  - ▶ if two or more persons assigned to the same paper, only the best presentation will presented in the seminar and the talk will be considered as a bonus grade. Main grades will be based on the submitted final presentations and the summary report.
  - ▶ Peer Review: 3 of your peers (from the same topic group) will receive the presentation anonymously and their feedback will be referred back to you be end of the week.
    - ▶ Peer Review feedback should be sent by Friday morning, a week before the presentation.

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**Grading:**

- ▶ Presentation (50% of the mark)
- ▶ Submission of the Summary Paper due 4 weeks after term break(50% of the mark)

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**Presentation:**

- ▶ Presentation will be divided into 30 minutes talk and 15 minutes discussion

**Presentation should include four main parts:**

- ▶ Introduction
- ▶ Summarize Related Work
- ▶ Explain the proposed model
- ▶ Discuss the experiments

**It is important to:**

- ▶ Not omit crucial parts of the paper such as the evaluation, the algorithms, the baselines, etc.
- ▶ Try to provide your own interpretation of the models

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**Summary Paper:**

- ▶ Will be a paper like document, one for each participant, of maximum 20 pages
    - ▶ Introduction
    - ▶ Summarize Related Work
    - ▶ Explain the proposed model
    - ▶ Discuss the experiments
- ▶ Submit three hard copies with **spiral binding** to our secretary (hinzemelching@ismll.uni-hildesheim.de ) and upload a digital copy on Learn-Web
- ▶ A template will be provided
- ▶ More details in the next lecture

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**Semester Plan:**

- ▶ Two lectures about:
    - ▶ How to read a paper
    - ▶ How to present and write a summary
- ▶ Weekly presentations
- ▶ Submission of the Summary Paper
- ▶ **Attendance:** You can only miss 2 presentations.