Proposal

What should be in the draft:

- Good idea of research

- How will it be approached

- Show that I have enough knowledge

Important points:

Motivate your thesis from both societal and a scientific perspective

Write the background section in a manner that is consistent with your rqs

Describe the exact methods you intend to use (which features, ML methods, etc.)

Working plan: Make it very detailed (best: week by week plan).

Prof. will not give feedback on the actual proposal until we actually submit it. He will only give feedback on the draft.

Think about how you wanna evaluate the algorithms.

Put the rqs in the project definition.

We can write in I form. Some people have issues with that. Prof. will make sure that the second reader doesn’t complain about that.

Outline

Project Definition: Provide a clear description of the problem you plan to address.

Motivation: Explain why this problem is worth addressing (scientific and societal).

Background: What is known in the scientific literature. At least five relevant sources. Sources must be recent, high quality and useful.

Dataset Description: Describe the dataset that is used.

Algorithms and Software: Which algorithms and software will be used? How will ML algorithms be evaluated? What is the baseline? How can ground-truth data labeled data be obtained? -> So I can measure accuracy, precision, or some other metric.

Evaluation Method: How will the results be evaluated?

Milestones and plan: Sketch out some major intermediate milestones.