
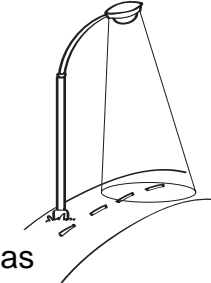
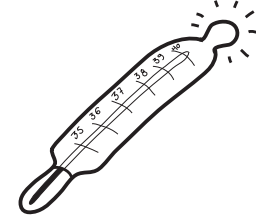
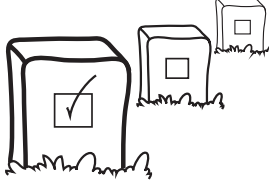

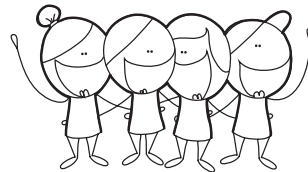
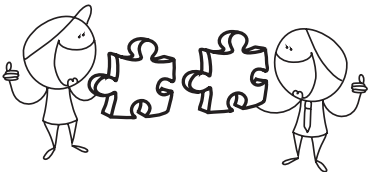

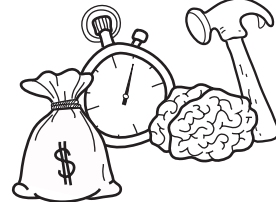




Project name

Project owner

<div><div>Purpose</div><div>What is the intent of this project? Why are we doing this project?</div></div> <div><div>If AI is to enhance human decision making, be it at the supreme court or on the high-way, the data used in these contexts must be as objective and free of bias as possible. In this project, we will train a neural network on the COMPAS data-set...</div><div></div></div> <div><div>In AI, it is super important that data is objective, which is very hard. If we want AI to help human professions, it needs to be less biased than humen, otherwise we might as well use only humans. Therefor, we are going to train an algorithm on the data, investigate bias in data, and implement adjustments in the algorithm, in order to try and remove bias.</div></div>	<div><div>Scope</div><div>What does this project contain? What does this project not contain?</div></div> <div><div>Project contains:<ul style="list-style-type: none">- Description of data- Statistic analysis of data- Implementing classification algorithm, and training it on data- Bias adjustments of algorithm- Examine data, by for instance investige the influence the different features has on the classification, and see what happens if we manipulates the features- Ethic discussion of the subjects mentioned in "Purpose"</div><div></div></div>	<div><div>Success Criteria</div><div>What do we need to achieve in order for the project to be successful? How can the Success Criteria be measured?</div></div> <div><div>First succes criteria: To train an agloithm on our data, and investigate whether or not the algorithms has bias, and how the bias is traced back to the data.</div><div>Second succes criteria: That our discussion contains multiple opinions, and discuss from multiple views. And in addition, contains our discussion with the philosopher.</div><div></div></div>
<div><div>Milestones</div><div>When will we start the project and when will it end? What are the key milestones and when will they occur? How can the milestones be measured?</div></div> <div><div></div><div><p>we find it important to discuss how we can use algorithms ethical in society. Discussing the ethical aspects, could be a focus until 26th of february instead of just trusting everything called and deadline. Midle of june</p><p>8 th of march Investigate data.</p><p>1. of march: Find information for discussion and understanding of the concept bias in data</p><p>Beginning of week 11: Implement and train algorithm</p><p>6. of april: Understand the meaning of bias in data (reading articles)</p><p>Well on our way on 6. th of april: Find bias using statistics</p><p>6. th of april: Find and read articles for discussion</p><p>Well on our way on 6th of april: Implement adjustments to remove bias</p></div></div>	<div><div>Outcome</div><div>What is the end result?</div><div><ul style="list-style-type: none">- A book- A website- An event<div>Report Presentation Pitch Obtain knowledge</div><div></div></div></div>	
<div><div>Team</div><div>Who are the team members? What are their roles in the project?</div></div> <div><div></div><div><p>Sunniva Olsrud Punsvik: Invastigator</p><p>Rasmus Stokholm Bryld: Investigator</p><p>Matilde Maria de Place: Investigator</p></div></div>	<div><div>Stakeholders</div><div>Who has an interest in the success of the project? In what way are they involved in the project?</div></div> <div><div></div><div><p>Aasa Feragen</p><p>Sune Hannibal Holm</p><p>Melanie Ganz</p><p>Morten Mørup</p></div></div>	<div><div>Users</div><div>Who will benefit from the outcome of the project?</div></div> <div><div></div><div><p>Society</p><p>Data analysts</p><p>Aasa Feragen</p><p>Sune Hannibal Holm</p><p>Melanie Ganz</p></div></div>
<div><div>Resources</div><div>What resources do we need in the project?</div><div><ul style="list-style-type: none">- Physical (office, building, server)- Financial (money)- Human (time, knowledge)</div><div><p>DTU's supercomputer</p><p>Sune Hanniba Holn</p><p>Aasa Feragen (supervisor)</p><p>Morten Mørup</p><p>Overleaf</p><p>Python</p><p>13 weeks + 3 weeks</p></div><div></div></div>	<div><div>Constraints</div><div>What are the known limitations of the project?</div><div><ul style="list-style-type: none">- Physical (office, building, server)- Financial (money)- Human (time, knowledge, politics)</div><div><p>Time constraint: We only have limited time, and we have other projects.</p><p>Knowledge of some of the needed libraries in python</p><p>Programming experience</p></div><div></div></div>	<div><div>Risks</div><div>Which risks may occur during the project? How do we treat these risks?</div><div><p>Subjective discussion</p><p>What bias in data means, could be different from person to person</p><p>Some might mean, that the bias we remove, is not bias.</p></div><div></div></div>