

# Indications for seminar papers

Responsible Data Science / HPI SoSe 2023

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## Format

- Students may submit individual papers or papers in groups of two persons
- Paper length: 6 pages per person (2300 words, with an accepted deviation of +/- 10 %) / 12 pages for groups of two persons
- The paper may include one visualization (stakeholder mapping or similar) or table.
- Orientate yourself towards common structures of research papers (abstract / introduction and research question / related work / theory and methods / analysis / further discussion / conclusion and outlook / bibliography).
- For layouting, use LaTeX or overleaf with one the following templates:  
<https://www.overleaf.com/latex/templates/acm-conference-proceedings-primary-article-template/wbvngbjbwpc>  
<https://www.acm.org/publications/proceedings-template>

## Content

- The study and paper should generally embrace the approach of value-sensitive design (VSD) conceptualized in Friedman 1996; Friedman et al. 2019.
- Discuss some of the literature and topics introduced in the course.
- The study for the paper should
  - o Include the analysis of an existing AI application field or concrete AI system by means of VSD-compatible methods (e.g. stakeholder and risk mapping);
  - o focus on one ethical value or value tension in the field or system;
  - o develop a scenario for a value-sensitive design of a future AI system by building on methods introduced in the course (scenario-based design, value scenario, risk mitigation).
- Variations from this form are possible but must be discussed with the lecturer.