HPI Hasso Plattner Institut
Digital Engineering · Universität Potsdam

INTERNATIONALES ZENTRUM
FÜR ETHIK IN DEN
WISSENSCHAFTEN (IZEW)

EBERHARD KARLS
UNIVERSITÄT
TÜBINGEN

Examination

The grade is based on

- a **group presentation of 20-25 min incl. handout** (30% of the grade). The group presentations (2-3 students) will each address one specific literature piece and related ethical issues.

- a **written analysis of an ethical dilemma and possible solutions of 6 pages per person** (70% of the grade). The paper should apply VSD-based methods and discuss the ethical issues covered by the course. Students are also invited to submit (longer) papers developed in a group (e.g. 18 pages for 3 students with clear markers for the individual contributions).

Indications for presentation

- 20 min. for one person / 30 min. for two persons
- Focusing on one piece of literature (see xls-table)
- Content of the presentation
  - Context of the author and paper
  - Main ideas of the paper
  - Critique of the arguments
  - Links to further readings
- Propose 3 questions for the discussion
  (and send it to lecturer in advance)
- Handout (2 pages / 800 words text per person)

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Indications for paper

– 6 pages per person, with the option of developing a paper in a group of two students (12 pages)

– Address one ethical dilemma in an application area of AI or data engineering using the concepts and methods learned in the seminar.

Indications for use of AI in the course

– We will occasionally use GenAI for brainstorming, gather information on theories and approaches and to generate and discuss ethical dilemma;

– While you are encouraged to use Generative AI applications (ChatGPT, Gemini, Midjourney, etc.) for the production of the paper (text and/or visualizations) while adhering to the following rules:

  – Use of AI has to be documented on a transparency sheet, whose form may be inspired by the literature addressed in the course (i.e. Data Sheets, Model and System Cards).
  – The transparency sheet has to specify a) what kind of AI has been used b) in what ways to c) produce which exact element of the study and/or paper.
  – An evaluation of the transparency sheet will also feed into your course grade.