The Chair of Business Ethics and the Institute for Ethics in AI (Prof. Dr. Christoph Lütge) offers **project studies/work (e.g., WI000684)**, **research internships (e.g., MCTS0047, POL30001)** in the following areas:

AI chatbots in healthcare: Ethical considerations

Background.

As **AI-empowered decision-support systems** become more widespread and accessible to the public, individuals are increasingly delegating their decisions to these tools, including those involving ethical considerations, such as decisions **in healthcare**. For example, algorithms can guide the allocation of scarce medical resources, such as donated organs (Meier et al., 2022). ChatGPT, specifically, has demonstrated promise in improving **triage** accuracy in emergency departments (Kaboudi et al., 2024) and can serve as a personal therapist by delivering **mental health** support to individuals in real-time (Alanezi, 2024).

This growing integrating into highly sensitive and personal decision-making brings substantial **societal implications and risks**, such as emerging responsibility gaps, the reinforcement of existing biases, limitations on data privacy, or moral deskilling (e.g., Hagendorff, 2024; Poszler & Lange, 2024).

Goal & tasks.

During the project work, students will concentrate on tasks related to the **use of AI chatbots in decision-making processes within triage and mental health contexts**. Potential tasks may include:

- *Networking and partner identification*: Locating leading researchers, professionals, practitioners, technology companies, and startups active in the field

- *Literature review*: Systematically identifying key publications and synthesizing the current state of research

- *Qualitative research*: Supporting the design, execution, and analysis of semi-structured interviews and focus groups

Student Profile.

- Bachelor or Master level
- Any disciplines and departments/schools (Please verify with your school if they permit supervision by us/TUM SOT)
- Proficiency in English
- Skills and/or strong interest in any of the following fields: artificial intelligence, LLMs and AI chatbots, ChatGPT, AI ethics, medical ethics, healthcare (specifically, triage and mental health), moral psychology, qualitative or quantitative research.

Details.

Supervisor: Dr. Franziska Poszler
Starting date: as soon as possible
Time commitment: flexible: Full-time or part-time

How to apply.

If you are interested, please send your **CV** along with your **module number** and **earliest possible start date** to Dr. Franziska Poszler (**franziska.poszler@tum.de**).

We are looking forward to your application!