UNIVERSITÄT KLAGENFURT

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The Relationship Between Trust in Artificial Intelligence and Managers' Willingness to Acquire New Skills Related to Artificial Intelligence Development

Thursday, 12 September 2024 13:10 (20 minutes)

The poster will present the relationship between trust in artificial intelligence and the readiness of managers to acquire new skills associated with the development of AI. The research objectives are first to examine the impact of trust in artificial intelligence on managers' willingness to develop specific skills, and second, to develop a skill framework and assess how managers' willingness to develop these skills is related to their trust in artificial intelligence. In my work, I reviewed the literature related to the concept of trust in artificial intelligence, the idea of readiness for change, and the skills that are important for managers under the influence of the development of artificial intelligence. I also explain the significance of learning new skills due to the constant development of artificial intelligence. The planned study will employ a mixed-methods approach, consisting of two main phases to comprehensively examine the relationship between trust in artificial intelligence and managers' readiness to develop specific skills that have emerged due to AI. In the quantitative phase, up to 200 managers are expected, while the qualitative interviews will involve up to 40 managers. The quantitative analysis aims to assess the relationship between trust in AI and managers' readiness for change. In the qualitative analyses, we will use interviews and a literature review to establish a framework for the skills, which will then be tested through a survey. This will allow us to examine the relationship between trust in AI and the skills that each manager has developed.

Are you currently an Early Career Researcher?

Yes, I am still a student or have not yet received my Ph.D.

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