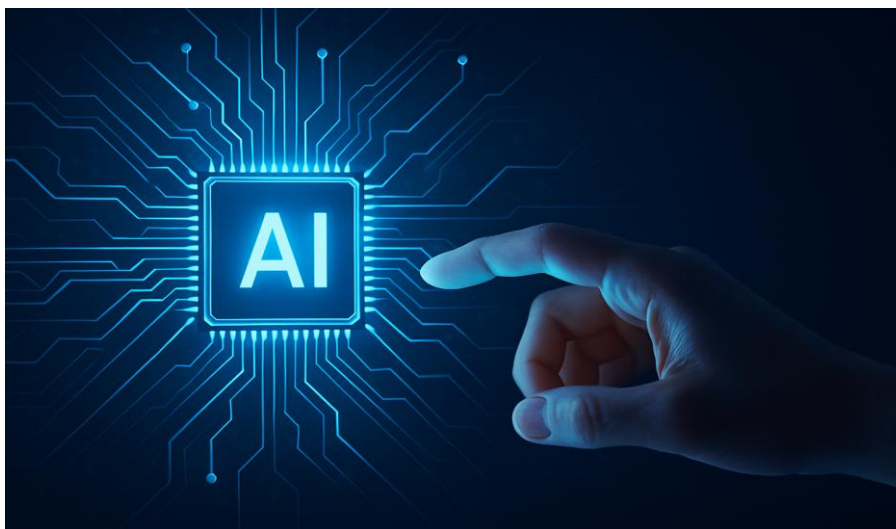


Master's Thesis

Navigating the Future of Cost Management: Leveraging AI for Strategic Advantage



Motivation

The increasing complexity of industrial cost structures and the limitations of conventional methods create a strong need for innovative, data-driven approaches. AI offers unique opportunities to enhance forecasting, automate decision-making, and improve resource allocation. However, systematic frameworks and practical applications in cost management are still scarce. A Master thesis in this area allows the student to bridge this gap between theory and practice and to provide valuable insights for industry.

Tasks

- Identify and classify AI trends relevant for cost management
- Assess their maturity and applicability using foresight methods
- Validate insights with expert feedback and case evidence
- Develop a domain-specific AI Trend Radar and derive strategic recommendations

Expected Results

- Structured overview of relevant AI trends in cost management
- A validated AI Trend Radar visualizing maturity and business value
- Practical recommendations for industrial adoption and integration

Your profile

- Initiative and creativity
- Interest in AI, digitalization, and technology foresight
- Analytical mindset with ability to combine qualitative and quantitative research

Language

German or English

Application

Interested students are invited to apply with a **current CV** and **transcript of records**. Please send your documents and direct any questions to the contact person.

Type of Work

- ☒ Practical
- ☒ Theoretical
- ☐ Experimental



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