



MSc Thesis Opportunities in a WASP-HS Project: Artificial Intelligence and Industrial Transformation

[Our project](#) aims to explore how the technology shift to artificial intelligence (AI) and autonomous systems might transform the technology-based industry in Sweden. The project is funded by the Wallenberg AI, Autonomous Systems and Software Program – Humanities and Society (WASP-HS).

We are looking for motivated MSc students with a range of disciplinary backgrounds, research interests and competences. Some experience with Artificial intelligence / Machine Learning is preferable but not a must.

We are open to original ideas and proposals. If you have already established ideas/contacts within the broader domains of artificial intelligence, you can feel free to contact us and discuss your ideas. We are happy to provide supervision for company-based master theses that can create knowledge synergies with our ongoing project as well.

If you do not have an established idea, you can use some of the following research topics as a starting point and contact us for further discussion.

1. The Industry of AI service providers

There is a growing group of companies marketing themselves as applying AI in their business. This thesis project revolves around the firms who are suppliers of AI solutions and AI services to various businesses. Based on previous work, the study enquires an analysis of this industrial sector; what kind of companies are there? what kind of services are they offering? who are their primary customers? And how is the sector evolving?

2. The role of Data Scientists

Data Scientist is a novel, but increasingly common title. However, it is unclear what the title “data scientist” means. How did this role emerge? how frequent is it? and what kind of jobs and activities does the title “data scientist” encompass?

3. Robot vacuum cleaners: AI revolution or a hype?

Increasing number of households are using AI-powered robot vacuum cleaners at home. Is AI really disrupting the market for vacuum cleaners or is it just a hype? What make AI-powered robot vacuum cleaners adopted by households? Which companies are the frontrunners; which are the laggards? Do new entrants challenge the established incumbents in this market?

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