

Student job, master thesis, bachelor thesis, project thesis, internship

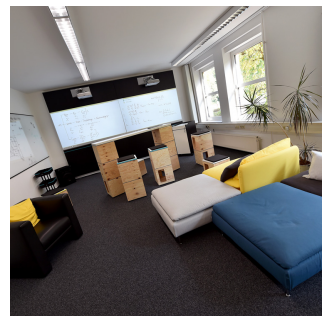
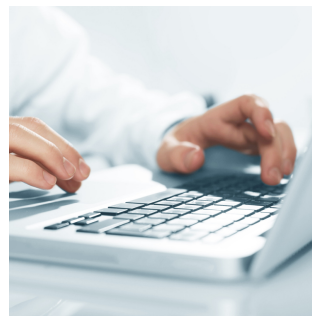
## Development of an ML implementation strategy for manufacturing SMEs

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The use of machine learning in production is becoming increasingly popular. SMEs in particular are looking more closely at the potential of machine learning and the resulting added value.

However, many SMEs, especially in the manufacturing sector, lack an implementation strategy that guides them through this complex process, starting with application identification and checking the basic requirements through to commissioning and the Center of Excellence.

The aim is therefore to enable SMEs to introduce and use machine learning applications and to support them with the help of the implementation strategy.



### Your tasks

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- Systematic investigation of existing implementation strategies by means of literature research
- Development of a generic implementation strategy (e.g. through roadmapping)
- Implementation of case studies using Python
- Identification of SME-specific challenges in the introduction of machine learning

### Your profile

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You are studying one of the following subjects:

- Industrial engineering
- Business informatics
- Mechanical Engineering
- Production and logistics

You are interested in the topic of artificial intelligence, especially machine learning. You also enjoy conducting literature research to investigate the current state of research.

You also have knowledge of programming with Python.

Good written and spoken German and English skills are necessary for the work.

### We offer

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- appropriate remuneration
- independent work
- flexible working hours
- well-equipped workplaces
- home office by arrangement
- test implementation
- possibly long-term cooperation



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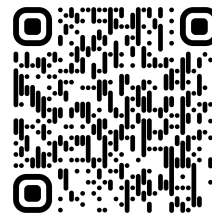
## Contact



Manuel Savadogo  
M. Sc.

+49 (0)511 279 76-449

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