Machine Learning
in Healthcare Fraud Detection

…towards economical and high-quality healthcare.

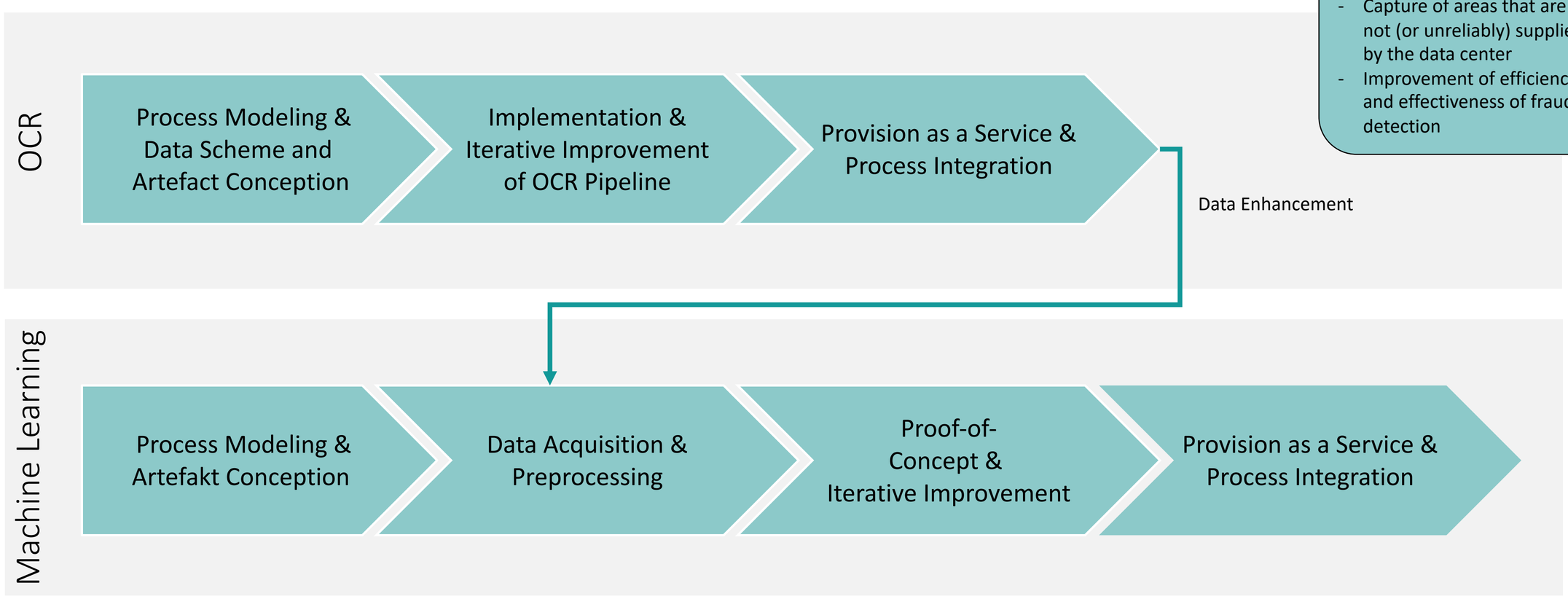
Motivation

- (Monetary) resource-intensive domain
- Its complexity, analogous processes, and value of transactions make healthcare an attractive fraud target
- Healthcare faces an annually increasing number of fraud incidents
- Limited resources of healthcare are challenged by an increasing population and a rising number of elderly people

Short Description

This project explores potential applications and success factors of machine learning and optical character recognition (OCR) for detecting fraud in prescription drug billing. The project team develops innovative machine learning approaches and evaluates them in the business context. The results contribute to an economic and qualitative healthcare system and provide concrete IT artifacts suitable for practical use. Above all, this supports the further digitization of healthcare and provides guidelines for the adaptation of disruptive machine learning technology.

Project Approach



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