Bachelor/Master Thesis or Student Job

Area: Data Science in Medicine

Topic: Intraoperative Data Management and Workflow Integration

Objectives:
- Requirement analysis for efficient processing of various source data (data throughput, processing efficiency, metadata annotation, privacy, ...)
- Literature research of existing approaches
- Design of a multimodal data management framework for intraoperative use cases
- Implement framework as KNIME extension
- Evaluation on tissue classification workflows

Language: German or English

Time Frame: As soon as possible

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