



## FORSCHUNGSPRAXIS - MACHINE LEARNING

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### Project Description:

Macular degeneration is a disease which may result in blurred or no vision in the center of the visual field. In order to alleviate these effects, intravitreal injections into the eye are common practice. These injections are given as required. The basis for a new treatment is the medical assessment after the evaluation of various previously obtained parameters. In this context, machine learning methods may help to reduce the time required for this decision-making process. The aim of this project is to develop and implement suitable and reliable concepts for an automatic decision making process with regard to the necessity for a new injection.

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### Your tasks:

- Development of a solid concept of how tackle the problem.
- Implementation of an algorithm that processes the data.

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### Your profile:

You are a student with programming experience, and you are interested in machine learning.

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### Our offer:

Expertise and guidance in machine learning concepts for the design of the framework as well as assistance in programming related issues.

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### Did we catch your interest?

Please submit your application including a current transcript of records to [woermann@fortiss.org](mailto:woermann@fortiss.org)