Project Description

5 ECTS R&D Project in collaboration with EIVA

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The goal of the project is to get experience working with applied machine learning. EIVA has proposed a project related to classical machine learning. The goal of this project is to identify noise samples in a point cloud dataset. In this context, a point cloud may be sea floor sediments measured using sonar or laser sensors. Specifically, EIVA has supplied data consisting of labeled point clouds and features derived from these points. We will analyze the data and attempt to design a model, which can detect the noise samples using classical machine learning techniques, as well as look at the construction of additional features from the existing dataset if necessary.