Working title	Comprehensive review of available open access geotechnical datasets
Project objectives	In machine learning, the development of reliable methods capable of yielding accurate predictions and reducing the data interpretation's subjectivity is highly dependent on the availability of the data. One of the main difficulties in developing accurate machine learning-based models in geotechnical engineering is the limited availability of geotechnical (benchmark) datasets (e.g., TBM, CPT, seismic, …). This master project starts with a literature research on available open access geotechnical datasets. The available datasets should then be collected, categorized and quality checked.
Student has enthusiasm for	Digitalisation, programming, geotechnical data
Requirements on student	Attention to detail, reliability, search skills
Start (earliest / latest)	February 2024
Project term (min. / max.)	3 / 6 weeks full-time
Coop. with external institution	no
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