

## Information letter for pilot research participants

AnalytiikkaÄly (=AnalyticsAI) -project



The AnalytiikkaÄly –project (Ministry of Education and Culture funding 2018-2020) investigates and develops new ways of supporting fluent studying at universities by using learning analytics. AnalytiikkaÄly is a cooperative project of Aalto University, University of Tampere, University of Oulu, University of Eastern Finland, University of Lapland, University of Turku, and Lappeenranta-Lahti University of Technology. Learning analytics refers to the use of data generated by learning and studying events to support students, advisors, programme leaders and university leaders in planning, monitoring and forecasting fluent study paths. Analytics can be used, for example, to detect obstacles slowing down study progression, support independent organised studying, fluent progressing of studies and produce information to support academic advising.

### Student dashboard piloting

During spring and summer 2020 AnalytiikkaÄly is piloting a dashboard using learning analytics for students. The aim is to investigate how this tool can help the students in formulating and visualising their programme, and in planning and monitoring their studies. This testing will provide valuable student feedback about the tool and ideas for further development.

The student will proceed through testing independently according to the testing instructions. The current tool uses information from the SISU –system. At University of Tampere and Aalto University (which both use the SISU system), this tool is accessed with the student's own university login, and testing is conducted using the student's own study data. The registry data will not be collected, and study data can only be viewed by the student themselves. In the other universities (which use the PEPPI system) involved in the project, the current tool is tested with simulated material, which means that the programme structures, course descriptions and achievement data are not matched to the student, but the information is related to existing structures.

### Piloting and information gathered from the participants

Piloting will also include information gathered for research. Research data collection is coordinated by University of Oulu. The collected materials will be used for research and for the development of tools for studying, advising and university learning services, supported by analytics. Information about the student experience will be collected with questionnaires. The pilot study includes a pre questionnaire, testing questions and a post questionnaire. These will be used to gather relevant background information,

expectation, user experiences and assessments of how the tool should be developed further. The information will be collected using Webropol.

#### Participating in research

Participation is voluntary and the participants will be asked for their consent to participate. The information will be collected anonymously, and the participants cannot be recognised from the collected materials. The materials will be kept confidential and in accordance with good scientific practice.

**For more information about the project, you can contact the university's contact person:**

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