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***Visualization Possibilities of Great Amounts of Data –
Based on BME Educational Leadership Training’s Log Files***

About 3,000 students participate in BME PEMP (Public Education Manager and Pedagogue with Special Qualification Examination Postgraduate Specialization Programme) courses. Their studies are supported by a complex electronic learning management system (Moodle). This system performs the delivery of teaching materials and electronic messages between students and lecturers, and it logs the events of the learning process. Visual forms of the recorded data of the log files were needed by the management of the training programme in order that they could monitor the process and improve it. The task meant a challenge because of low visualization performance of Moodle.

The relevant literature suggests that there are numerous ways of how to express large amounts of data in the forms of pictorial reports on the computer screen. The presentation outlines the experiments of using open source and free software to visualize the characteristics of the PEMP training programme. In the presentation these experiments are reported.



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