

GRADUATE PROFILE

Data Engineering – studies of second degree

The graduate acquires advanced knowledge and skills necessary for solving problems relating to real data analysis and processing. This field of study trains specialists who independently use specialist software as well as methods and analytic tools to solve selected problems relating to real data analysis. The graduate also acquires knowledge of big data, data safety, text files analysis, and reporting. He or she has in-depth knowledge of how to run a simulation of possible scenarios and has skills to visualize and interpret achieved results in the form which meets the employer's expectations.

Specialisation: modelling and data analysis

During the course the graduate acquires skills required to solve problems of multidimensional data analysis. He or she has skills to collect and process data available in a company's information system or in external sources, in order to create reports and carry out an analysis.

Specialisation: data exploration systems

During the course the graduate acquires skills which allow him or her to independently use methods and tools of data exploration, as well as database technologies to solve practical problems which emerge during analysis of large databases.