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## Labour market monitoring system

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Last years, the prospects for digital transformation of economic processes were actively discussed. It is quite a complex problem having no solution with traditional methods. Opportunities of the qualitative development of the transformation are illustrated by the example of use of Big Data analytics, in particular intellectual text analysis, for the assessment of the needs of regional labour markets in the man-power. The problem is solved using the developed by the authors the automated information system of monitoring of matching the staffing needs of employers with the training level. The system presented use the information gathering from open data sources and provides additional opportunities to identify qualitative and quantitative interrelation between the education and the labour market. The system is targeted at a wide range of users: authorities and management of regions and municipalities; the management of universities, companies, recruitment agencies; graduates and prospective students.

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