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## Big Data technologies for labour market analysis

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This paper discusses some approaches to the intellectual text analysis in application to automated monitoring of the labour market. The scheme of construction of an analytical system based on Big Data technologies for the labour market is proposed. We compared the combinations of methods of extracting semantic information about objects and connections between them (for example, from job advertisements) from specialized texts. A system for monitoring of the Russian labour market has been created, and the work is underway to include other countries in the analysis. The considered approaches and methods can be widely used to extract knowledge from large amounts of texts.

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