PLANNING THE PERSONAL BUDGET WITH THE USE OF DATA COLLECTION AND PROCESSING TECHNOLOGIES

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In our work we have encountered three issues: the availability of a large amount of information, its diversity and the need to provide reporting information about data processing. Technology The Big data contains the solution of the three above mentioned problems. For structuring a variety of information Big data is the ability to apply Business Intelligence approaches [1].

Big data - a series of approaches, tools and methods for processing structured and unstructured data of huge volumes and significant diversity for obtaining human-readable results. Thus, under large data it will be understood not the data itself, but processing methods that allow the information to be processed in an orderly manner [2].

Business Intelligence - designations of a number of methods, approaches and tools that allow you to translate a large amount of unordered data into a human-readable form suitable for business analysis, as well as tools for mass work with this kind of information.

The aim of the project is to identify anomalies in the personal budget and forecast it for the future on the basis of current revenues and expenditures. The ultimate goal of data processing using the chosen technology will lead to cost optimization and increase the overall welfare of the end user. In the future, there is the possibility of scaling the project to the level of use in organizations and corporations [3].

Ultimately, we came to the conclusion that the use of such scientific approaches as Big data and Business Intelligence in ordinary consumer tasks, such as budget planning, can optimize the field of application, and also are universal solutions, when scaling to more global problems, which emphasizes their productivity.

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