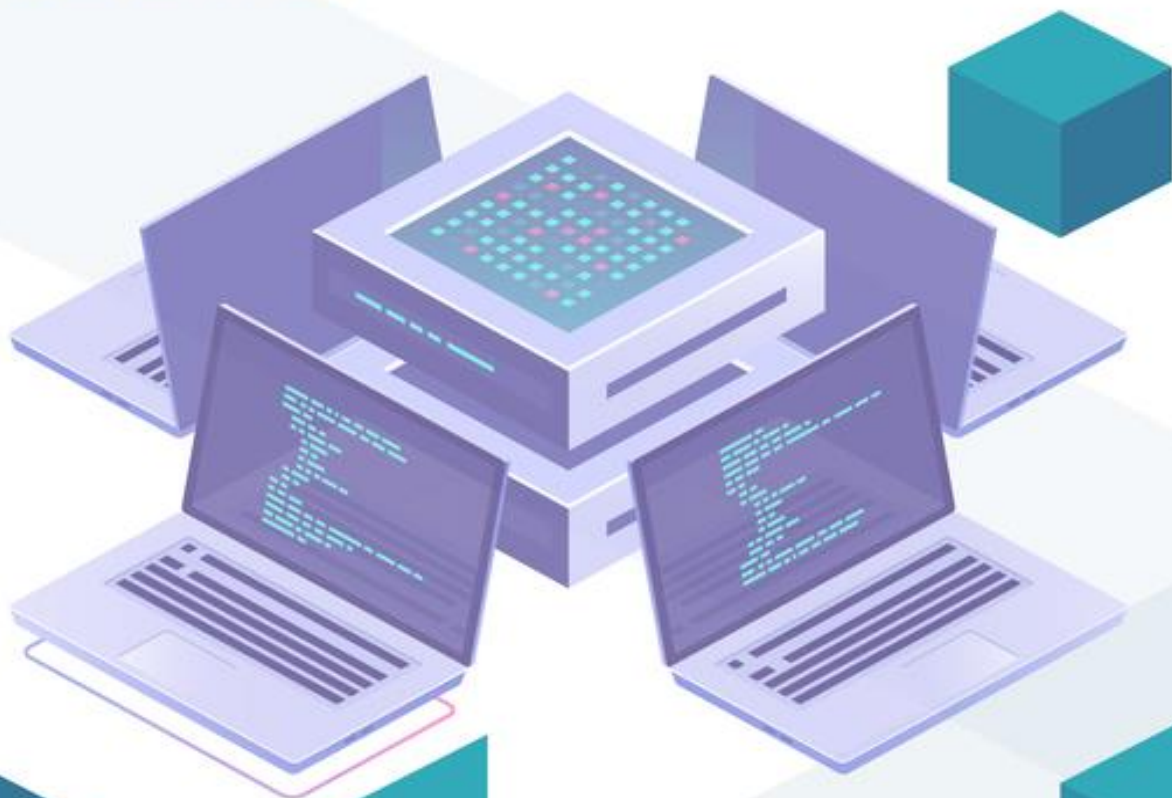


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## **USE OF BUSINESS ANALYSIS SYSTEMS IN THE PROCESS OF ECONOMIC INFORMATION PROCESSING**

**Jamankulova F.**

PhD, Associate Professor of the Department of Information technologies of Samarkand Institute of Economics and Service. Uzbekistan. Samarkand. e-mail: [fazilat\\_72@mail.ru](mailto:fazilat_72@mail.ru)

**A.Z.Sayfiddinov**

1st-year student of Chemistry of Samarkand Institute of Economics and Service.  
Uzbekistan. Samarkand.

**A.B.Haqnazarov**

1st-year student of Chemistry of Samarkand Institute of Economics and Service.  
Uzbekistan. Samarkand.

**Abstract:** This article presents ideas and suggestions about the use of business analysis systems in the process of processing, correcting and improving economic information.

**Keywords:** Economic information, Business analysis, Abstract, General structure of the object, Database, Domain model, Information processing.

### **INTRODUCTION**

Cloud technology is a popular technology in which users use the Internet platform to enter or retrieve information on IT resources. This technology stores data and resources on an online server and is used for secure access by the user instead of storing them directly on the computer's hard drive.

#### **Literature review**

From <https://www.researchgate.net/profile/> Nurmukhamad Duisenov Economic information is a set of modified and processed data that reflects the state and progress of economic processes. Guides on the subject were used. The variety of information

requirements, the ever-increasing range of issues, etc., place a number of demands on modern IT. Such requirements include:

### **Research methodology**

Use of business analysis systems in the process of processing economic information. Material resources are a set of labor and raw materials intended for use in the production process of society's products. For example, raw materials, materials, fuel, energy, semi-finished products, details, etc. Natural resources are objects, processes and natural conditions used by society to satisfy the material and spiritual needs of people. Labor resources are people with general education knowledge to work in society.

### **Analysis and results**

Economic information is a set of changed and processed data that reflects the state and progress of economic processes... Economic information circulates in the economic system, the production, distribution, exchange and consumption of material goods and services. accompanies the making processes. Economic information should be considered as one of the types of management information. Abstract: Economic information processing system is a set of technical software and organizational measures designed to automate information processes in professional information processing activities. An automated information system provides the introduction of some information technologies for data processing in the course of professional activity. It is necessary to create a comprehensive information system based on the use of modern information technologies to prepare, receive, process, transmit, record, and control economic information in order to increase the efficiency and quality of economic object management, as well as to analyze the economic activity of the enterprise. The purpose of the course project is to "automate the (wholesale) economic data processing system.

- To achieve this goal, it is necessary to solve the following tasks:
- Determine the purpose of the automated information processing system;

- Review the requirements and structure of economic information processing systems Information processing determine the general structure of the object;

- Create a database;

- Describe the domain model.

Purpose of automated information processing system. When considering issues of automation of control systems, first of all, we need to define automation, that is, it is necessary to define the objects of automation and process information. In order to identify the objects of automation, it is necessary to analyze the operation process of the enterprise. As a result of the analysis, a description of the data processing process in the management system should be obtained, the elements of this process should be determined.

Analyzing the process of information processing in solving any management task, which involves the implementation of a specific mechanism for processing the information entered into it to a certain result, and is carried out individually by officials allows extracting type information. A person's daily work is related to receiving and collecting information about the external environment, identifying and processing information necessary to solve various problems. For this reason, the above complex of actions, the means of their implementation serve as the basis for creating information systems (IT).

The main goal of information systems is to provide users with information related to the relevant field. As a result of the creation of EHM, there were opportunities to create automated information systems (AAT). Currently, the development of AAT is carried out in two directions. The first direction is the creation of information systems based on autonomous files. The possibilities of such IT are limited and have a simple structure. They consist of a set of programs that perform autonomous file processing and document output operations. Such systems have the following disadvantages: - duplication of data;

- complexity of maintaining files;
- difficulty working with files;
- data dependence of programs, etc.

The second direction is to create a database. Database-based IT serves a wide range of users, and the above-mentioned systems are becoming increasingly common.

The activity of AAT is related to the collection and processing of information. The information entered into the system and given to the user is formed in the form of documents. For this reason, a document is a material object and consists of a set of information formalized on the basis of a certain procedure. If people and technical tools are considered as sources of information in AAT, different users as consumers can be divided into three groups: system administration, programmers and end users. Users' appeal to AAT is done on demand basis. A request is a seasoned message that specifies the conditions for searching for relevant information and the tasks that must be performed on them. Accepting and entering requirements, performing specified actions, preparing relevant information and presenting it to the user in the form of a document are the main stages of any AAT's work.

### **Conclusions and suggestions.**

The use of business analysis systems in the process of economic information processing is a set of technical software and organizational measures designed to automate information processes in professional activities. An automated information system provides the introduction of some information technologies for data processing in the course of professional activity. It is necessary to create a comprehensive information system based on the use of modern information processing technologies to prepare, receive, process, transmit, record, and control economic information in order to improve the efficiency and quality of economic object management, as well as to analyze the economic activity of the enterprise.

**List of used literature:**

- [1] Jamankulova E. F., Ismailova Z. A., Nizomov M. Q. The Notion Of Information And Its Significance In The State Economy //Экономика и социум. – 2021. – №. 8 (87). – С. 26-29.
- [2] Jomonqulova F. E., Nizomov M. Q., Uralov S. A. To make radical changes in the system of higher education for the training of qualified personnel //Colloquium-journal. 2020. – №. 29-2. – С. 13-14.
- [3] Jomonkulova, E. F., and I. E. Shadmanov. "The Notion Of Information And Its Significance In The State Economy." *British View* 7.4 (2022)
- [4] Shavkiev E., Hazratov A. P. COMMUNICATION SERVICES IS AN IMPORTANT FORM OF ECONOMIC ACTIVITY //British View. – 2022. – Т. 7. – №. 1.
- [5] Jomonqulova, F. E., and S. A. Qarshiyev. "MODERN INSTRUMENTAL TOOLS OF PRODUCING PRESENTATIONS." *British View* 8.6 (2023).
- [6] Ozodbek Jumakulov. (2022). WAYS TO IMPROVE THE FINANCING OF INVESTMENT ACTIVITIES OF ENTERPRISES. *Academic Leadership*. ISSN 1533-7812, 21(3), 52–60. <https://doi.org/10.5281/zenodo.7268281>
- [7] Jomonkulova, E. F., & Shadmanov, I. E. (2022). The Notion Of Information And Its Significance In The State Economy. *British View*, 7(4)
- [8] Jamankulova, F. (2022). CONNECTION OF BLOCKCHAINS WITH SOFTWARE SYSTEMS. *ASEAN Journal on Science & Technology for Development*, 39(4), 128-131..
- [9] Ernazarov, A. E. Specific features of training. *International Journal on Integrated Education*, 3(5), 30-34.
- [10] Ergashevich, E. A. (2023). Preparation Materials for Teacher's Training and Various Types of Training. *American Journal of Public Diplomacy and International Studies (2993-2157)*, 1(9), 322-328.

[11] Ergashevich, E. A. (2023). Preparation Materials for Teacher's Training and Various Types of Training. *American Journal of Public Diplomacy and International Studies* (2993-2157), 1(9), 322-328.

[12] Jumakulov, O. (2022). WAYS TO IMPROVE THE FINANCING OF INVESTMENT ACTIVITIES OF ENTERPRISES. *Academic Leadership. ISSN*, 1533-7812.

[13] Shukhratovch, J. O. (2023). INVESTMENTS IN THE INFORMATION TECHNOLOGY SECTOR AND DIGITALIZATION IN UZBEKISTAN. *BARQARORLIK VA YETAKCHI TADQIQOTLAR ONLAYN ILMIY JURNALI*, 3(5), 475-483.

[14] Shukhratovch, J. O. (2023). INVESTMENTS IN INFRASTRUCTURE DEVELOPMENT IN UZBEKISTAN: TRANSPORT NETWORKS, ENERGY, AND COMMUNICATIONS. *IJTIMOY FANLARDA INNOVASIYA ONLAYN ILMIY JURNALI*, 3(5), 209-227.