

RESEARCH ARTICLE

Increase The Efficiency Of Production

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Abstract

This article describes the system of complex economic analysis. The analyzed companies are also cited as examples of the enterprises "Toyota Production" and "Uzkimyosanoat". It discusses why a complex analysis is necessary for an enterprise in a competitive environment and the strategies of companies that have undergone a complex analysis. The article also discusses the identification of production efficiency opportunities. The article examines the issues of using analytical procedures to improve financial results enterprises. The method of factor analysis of financial results presented in the study allows for a correct assessment of the financial and economic activities of enterprises.

KEYWORDS

Comprehensive economic analysis system, cost, profitability, liquidity, profit, financial analysis, HACCP, ISO, Toyota Production, statistical analysis, AI, financial reporting, analytical procedures, financial results, internal economic capabilities, efficiency, financial condition, comparative analysis, factor analysis.

INTRODUCTION

As it is known today in the field of industrial production and has undergone great changes. The development of production networks in this example, the extension of the enterprise network services and also we can come. However, the extension and development of enterprises in the competitive market conditions produces. This may not be positive for the production and service sectors. Of course, in such conditions will rely on their analysis and strategy. The reason, in the present economic conditions, increased competition in front of

the enterprises to increase the production efficiency and quality service is the task of the public. Economic analysis of the complex system is important in this process, it allows you to identify the problematic aspects of the enterprise and comprehensive study.

Analysis of the literature on the subject: economic analysis is the type of complex analysis is necessary for businesses in the whole world. Complex analysis through business enterprise valuation of the system, identify the weak point will achieve

efficiencies and production. In addition, a number of scientists conducted research in order to determine the effectiveness of production

M. k. abdukarimov b. a. pardayev Uzbek from scientists and the cost-effectiveness of production achieved through economic relationship with the blessings of the assessment will offer. In their opinion, the size and efficiency in the economic evaluation of the costs spent on them is the main indicator of the ratio between blessings. This approach allows to make a quantitative assessment of the effectiveness of the production process and clear. [1]

Also, k. abdukarimov b. a. pardayev m. and did not stress the importance of increasing the effectiveness of production in complex analysis. Using complex analysis and cost-effectiveness of the production process they are determined by the ratio between the economic results will offer. This approach to work will help in the quantitative evaluation of the effectiveness of production. K. abdukarimov b. a. pardayev m. and their research complex economic analysis and strategic role in increasing the efficiency of its approach were noted.

As seen, most useful for complex system analysis enterprise analysis type. Also, in order to increase the efficiency of production also shows the results of studies conducted as to the use of innovative technologies in the enterprise should be introduced. To the explanation of the work to the employees you need. Eliminate the problem of personnel that encourage highly qualified and enthusiastic staff members, you will need to stand. In addition, April: the introduction of a system should be.

Complex analysis - bit objects (space) to many activities during the reporting period (at the time), all the divisions with more study. Also, complex system analysis approach. [2]

In a word, complex analysis - this production and financial indicators in the system of the analytical approach is based on a single study.

Complex economic analysis of production and financial indicators in the system based on a single study, this analytical approach.

Also, its content includes the following:

1. Analysis of financial indicators (profitability, profit, liquidity);
2. The costs and productivity analysis;

3. Assess the effectiveness of the labor force and labor productivity;

4. Analysis of the level of use of resources and waste. [3]

Also as we have seen, makes the overall analysis of complex enterprise analysis activities. Also, complex analysis is very important for the enterprise analysis, it financial and technical condition of the enterprise, the risk to the resistance, will determine the efficiency and competitiveness.

Research methodology

methodology for analysis of Complex — this complex economic and social systems, that is, based on a systemic approach that includes the study and analysis research methods approach. In this methodology, taking into account all factors related to a certain system and mutually, will help you evaluate the overall effectiveness of the system. Methodology of complex analysis of a wide range of areas, including the economy, manufacturing, services and many other sectors are used.

The main aspects of the methodology of complex analysis:

- systematic approach;
- indicator system;
- dynamic analysis;
- identify problems and to develop proposals;
- interdisipliner approach.

The methodology of complex analysis of the benefits:

The efficacy in the detection of problems: a systematic approach will facilitate the identification of all the problems in using the system.

Comprehensive analysis: it allows to take into account All opportunities and risks.

Strategic decision making: Analysis and decisions on the basis of effective strategies can develop. Complex analysis methodology, organizations, companies, or even the whole economic system is an important tool for increasing the efficiency. [4]

Analysis and results: by conducting a comprehensive economic analysis of the countries of the world the effective management of their activities, are paying increasing attention to financial stability and competitive. The example of the

toyota company in 2024-2025-year comprehensive economic analysis we will consider.(Table 1).

1-table

Toyota company 2024-2025 moliyaviy analysisi

| Figure | 2024 | 2025 from | Growth % |
|-----------------------------|-------------------|----------------|----------|
| net profit | \$21.0 billion to | \$23.5 billion | +11.9% |
| operating income of | \$27.4 billion to | \$30.0 billion | +9.5% |
| cash flow (from operations) | \$32.1 billion to | \$34.8 billion | +8.4% |

Main function: Toyota financial stability remains. The higher profitability and liquidity. [5]

2-table

Toyota 2024-2025 of the company-the yearof production analysis hose

| Figure | 2024 | 2025 from | Growth % |
|--------------------------------|--------------|--------------|----------|
| the number of cars produced | 9.5 million, | 10.2 million | +7.3% |
| of the average costs (per car) | \$19,300 | \$18,800 | -2.6% |
| production efficiency | +5.2% | +6.7% | +1.5% |

Main tasks: TPS (toyota production system) resources through optimallashtirilgan.

3-the table

Toyota company 2024-2025-year analysis of work

| Figure | 2024 | 2025 from | Growth % |
|-----------------------------------|----------|-----------|----------|
| the number of workers | 366,283 | 370,000 | +1.0% |
| labor productivity (auto/working) | 26 | 27.6 | +6.1% |
| the average salary is | \$42,000 | \$43,500 | +3.6% |

Main task: increase the efficiency of the staff and enhancing robotlashtirishni.

4-the table

Toyota company 2024-2025-year sales and market analysis

| Figure | 2024 | 2025 from | Growth % |
|------------------------|--------------|--------------|----------|
| global market share of | 10.6% | 10.9 x% | +0.3% |
| of new car sales | 10.1 million | 10.7 million | +5.9% |
| best-selling model | Corolla | Corolla | — |

Main tasks: maintain leading bilateral relations in the global market.

5 table

The backup of analysis of the toyota company 2024-2025

| Figure | 2024 | 2025 from | change of |
|---------------------------------|---------|-----------|-----------|
| warehouse stocks Average (days) | 22 days | 19 days | -13.6% |
| backup cycle (times/year) | 14.8 | 15.7 | +6.0% |

Main tasks: jit (just-in-time) work with minimal resources through the system.

Strategic forecasting (based on AI)

Records for the toyota S/4HANA is being made through the system, the following forecast:

In the year 2026 EV (electric vehicle), the share of 21% rises.

The costs of using AI models in 3 years at 8% is reduced by.

In the next 3 years is to deliver 11 million pieces of production volume.

AI Tool: SAP predictive analytics + machine learning Integration[6]

In particular, uzbekistan on the basis of various methods of scientific research and practical experience in this respect also developed and introduced.

Complex economic analysis "O'zkimyosanoat" have been applied in the enterprise. "O'zkimyosanoat" balance sheet liquidity in the system directory of the monitoring algorithm was developed. On this basis structured on strategies to increase financial stability. In addition, the "Kokand superphosphate plant" joint-stock company, causing both can switch. "Kokand superphosphate plant" joint-stock company 3-subsidary companies in 2022-the year 2020, net profit increased compared to the year 1,29 times. Also, the balance of measures to ensure liquidity in future periods on the basis of financial indicators was developed.

The economic development of enterprises, and medium-term perspective (2021-2025 years) in forecasting "intuitive" and "formallashtirish" methods used. Effective use of the potential of this enterprise were complex statistical analysis capabilities increase[7]. Who dwell on production efficiency, we developed the product to the requirements from the aspects of quantity and quality enterprises is the answer.

Identifying opportunities to increase the efficiency of production while in this directory, a full and efficient use of available resources, reduce waste, improve product quality, strategic analysis, aimed at lowering costs and increasing profits in the process. [8]

If this process consists of 6 stages, the first one i.e. the analysis of labour productivity in a shift of the measurement of productivity for months or working, or spending time provide qualified employees of the company and unproductive work is the analysis level are studied. The second stage is to analyze the cost structure of. For example, the main elements of costs (raw materials, electricity, salaries, depreciation)

analysis, will identify unnecessary costs. This is the level of use of production factors, while the third stage, the processing time and power of the equipment of the downloads indicators assessed. You completely unused in them, if it is assessed that this is a weak point. The next stage is the quality of the product analysis of this traumatic and waste are unknown, and the amount of waste and jesus brak is taken into account, such as the introduction of the quality system HACCP is recommended. This energy through the fifth stage the introduction of new technologies that identify innovation opportunities, time, or material savings can be — such is determined. Automation, digitization will consider the options. Finally in the last stage will identify the internal resources. In particular, use less storage space, equipment, staff or re-distribution is achieved through additional effective.

For example, one of the industrial enterprises on the production line with the capacity of only 65% if you are using extra 35% there will be an opportunity to increase production capacity at the expense of this while improving profitability without additional investment.

Conclusion and suggestions

In general, each directory should be prepared to change and innovation. Teach employees to explain at the same time and it works. Each directory to the use of complex analysis system is recommended. This analysis through the application of a targeted strategy build. Also the directory also has the power to determine is taken. In order to increase the efficiency of production, you need to put the path on the management of the enterprise. For example, only the amount paid or to carefully take the benefits without taking into account the quality and quantity of the factors should approach. In conjunction with this work, you need to pay special attention to productivity and potential employees.

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