

THE BASICS OF STATISTICAL ANALYSIS OF THE ACTIVITIES OF SMALL BUSINESSES

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Abstract: *This article was analyzed taking into account the basics of statistical analysis of the activities of small businesses. In addition, this article presents scientific proposals and practical recommendations for further improvement of small businesses in the economy. [1]*

Keywords: *small business, statistical analysis, business entities, income, expenses, client*

Introduction

Statistical analysis is a powerful tool for analyzing the activities of small businesses, determining the directions of monitoring and improving development. The basics of statistical analysis of small business activities include the collection of data on various indicators: trade, income, expenses, customer satisfaction and staff productivity. After data collection, it is necessary to put in order and clarify the information for displaying cash, trends and boundaries. The use of statistical methods such as regression analysis, t-tests and ANOVA will help small businesses identify tools that will help determine the significance of data and better understand their activities. Statistical analysis can also be used to compare small business activities with industrial standards, which can mean efficiency strategies. In general, the basic principles of statistical analysis include the constant collection of specific data, their effective analysis and the involvement of practical concepts for making informed decisions that contribute to the success of small businesses.

Anylisis of Literature And Methodology

Data on the basis of statistical analysis of small business activities:

1. Data collection: The collection of accurate and consistent information is important for statistical analysis. Small businesses can use a variety of data collection methods, such as words, customer opinions, financial statements, and employee activity cartridges.

2. Data organization: After data collection, it is necessary to organize their analysis in a simplified form. This data can be summarized in a content category that can be sorted, grouped, and analyzed.

3. Data analysis: Data analysis involves understanding the statistical features of the data, identifying trends, frameworks and boundaries, and statistical conclusions to test various data-related hypotheses.

4. The results of the analysis can be used to make decisions and improve small business activities. Business owners can identify areas to improve on the basis of analysis, change operations, and develop new strategies.

Statistical analysis can become a powerful tool for small businesses by presenting an understanding of their activities, identifying opportunities for improvement, and informing decision-making processes. Through efficient data collection, regulation, and analysis, small businesses can optimize their operations and make great strides.

DISCUSS

When conducting a statistical analysis of small business activities, in addition to the previously voiced basics, several other important considerations should be borne in mind:

1. Start with a specific goal: Identify goals and research questions in advance to find out what information needs to be collected and analyzed.

2. Choose appropriate statistical methods: Depending on the type of data you are analyzing, different methods are used, such as describing statistics for the main conclusions, regression analysis to test hypotheses, and time series analysis to determine trends over time.

3. Use trusted data sources: Make sure the data you collect meets your specific, valid, and research goal.

4. Comment on the results: communicate your findings clearly and compactly, identify the main trends and features, as well as the consequences for your business.

5. Use the results of the analysis to inform, improve, and identify how the decision-making process can evolve.

Some scientific proposals and practical recommendations for further improvement of small businesses:

1. Providing education and education: Small business owners should be provided with training and training on various aspects of the business, including marketing, finance and management. This can be done through workshops, workshops and mentoring programs.

2. Access to finance: Small businesses should be given convenient funding opportunities and better access to finance by creating an enabling environment for businesses. Governments can offer benefits such as low-interest loans, tax breaks and grants to boost small business growth.

3. Reducing bureaucracy and procedures: The government needs to work to streamline the bureaucratic process and reduce the rules that hinder small business development. This can be achieved by reducing the time to obtain electronic filing systems, necessary permits and licenses, and simplifying the business registration process.

4. Collaboration and Networking Opportunities: Small businesses can leverage industry and collaboration opportunities. Governments can create events and forums where small business owners can meet and share information, ideas and resources.

5. Driving innovation: Small businesses can differ by offering innovative products and services. Governments can drive small business innovation by funding research and development, tax incentives for innovation and supporting the development of new technologies.

These are several suggestions and recommendations that will help improve small businesses. The implementation of these strategies can contribute to the growth and development of small businesses, the economy and the whole society.

CONCLUSION

Statistical analysis is a valuable tool for small businesses to have an understanding of their activities and make data-driven decisions. Small business owners can identify directions and optimize work for improvement by analyzing their data and trends. This is a necessary skill for entrepreneurs who want to succeed in today's competitive business world.

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