

Improving the Institutional Base of the Business Environment

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Abstract:

The article highlights that the need to ensure the economic security of small business is not only reflected in the impact of the crisis, but also in the interests of economic threats, possible losses and damages to competitors and the risk of a crisis.

Keywords: quality enterprise, business, method, mathematical model, economic security, coefficient of variation, confidence interval.

Introduction. The creation of a new enterprise is based on the following organizational principles:

- ✓ The idea of creating an enterprise;
- ✓ Selection of the founders of the enterprise;
- ✓ Study of market demand for the products offered;
- ✓ Determination of financial resources for the formation of the authorized capital of the enterprise;
- ✓ Company constituent documents and business - care plan;
- ✓ State registration;
- ✓ Manufacture of seals, stamps and other details;
- ✓ Registration with the tax authorities.

"Enterprises of the Republic of Uzbekistan" About the enterprises in accordance with the law, the property owner (s), or (are) appointed office, work or founding group , set up by the laws and regulations that may be established.

Materials and Methods. The selection of the best forms of communication between the factors under consideration plays an important role in the effective modeling of data on the processes of ensuring the security of small business and private entrepreneurship by methods of correlation-regression analysis. When choosing the form of the regression equation, the following should be considered:

1. The general form of the connection, the nature of the connection should be consistent with the characteristics of the control object being studied.

As a regression equation, it is often linear:

$$\hat{y} = a_0 + a_1x_1 + a_2x_2 + \dots + a_nx_n$$

and level functions are used:

$$y = a_0 x_1^{a_1} x_2^{a_2} \dots x_n^{a_n}$$

The parameters of this equation are usually determined by the least squares method. In general, the system of normal equations is expressed as follows:

$$\left\{ \begin{array}{l} na_0 + a_1 \sum x_1 + a_2 \sum x_2 + \dots + a_n \sum x_n = \sum y \\ a_0 \sum x_1 + a_1 \sum x_1^2 + a_2 \sum x_1 x_2 + \dots + a_n \sum x_1 x_n = \sum x_1 y \\ \dots\dots\dots \\ a_0 \sum x_n + a_1 \sum x_1 x_n + a_2 \sum x_2 x_n + \dots + a_n \sum x_n^2 = \sum x_n y \end{array} \right.$$

The bond density is similar to the correlation index and is estimated using the cumulative correlation coefficient:

$$R_{yx_j} = \sqrt{1 - \frac{\sum (y - \hat{y})^2}{\sum (y - \bar{y})^2}}$$

where, $\hat{y}$ is the theoretical value of the resulting index determined using the regression equation; $\bar{y}$ - the arithmetic mean of the resulting figure.

In general, the development of small business and private entrepreneurship, mathematical and statistical analysis of indicators of their mutual competitiveness, increases the level of reliability of information about the managed object.

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