



PROBLEMS AND SOLUTIONS OF THE FOOD INDUSTRY IN INNOVATIVE TRANSFORMATION PROCESSES

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Abstract: In this article, the theoretical and practical aspects of the development of industrial enterprises, the use of econometric methods and models in the changing competitive environment and market conditions, macroeconomic forecasting, making optimal economic decisions under conditions of risk and uncertainty, and then controlling the implementation of these decisions are discussed. It is highlighted that double regression modeling is important in learning.

Key words: Regression, modeling, uncertainty, digital twing, variance, cost, labor efficiency, salary, limit, pair regression, multifactor regression

As in other countries, the issues of modeling industrial production and food industry processes of socio-economic processes have been the subject of scientific interest of economists of our republic. In particular, famous economists of our country S.S. Gulyamov, T.Sh. Shodiev, O.M. Abdullaev, R.Kh. Alimov, B. Yu. Khodiev, N.M. Makhmudov, B.T. Salimov, S.K. Salaev, I.S. Abdullaev, T.J. Rakhimov, N.M. Ziyavitdinova, I.Y. Umarov, N.I. Saidakhmedova, N.J. Sotvoldiev, M.A. Karimov, H.N. Sabirov, N.S. Dehkanova, G'.G'. Ibragimov, M.Ch. Murodova, S.F. Baltashov, T.Q. Khidirov, B.B. Rozimov in the scientific works of production modeling and forecasting, modeling of socio-economic processes under complex environmental conditions, forecasting of small business development trends, factors and econometric models of sustainable socio-economic growth, modeling of the formation and development of agriculture and

the rural labor market are deeply and widely researched. Despite the carried out scientific research and scientific-theoretical research, in the conditions of modernization of the economy, the issues of improving the analysis of the development of the regional food industry in comprehensive statistical methods, evaluating the factors affecting its economic activity based on econometric models, and forecasting are not covered in a systematic way, some regions Kashkadarya region has not been fully studied as a separate research object, being limited to the study of its characteristics.

The research was carried out within the framework of the program of the new development strategy of Uzbekistan for 2022-2026 and within the framework of scientific research works of the Tashkent University of Information Technologies named after Muhammad al-Khorazmi.

The purpose of the research is to develop a scientific proposal and practical recommendations for ensuring its future sustainable development by modeling the development trends of the food industry in Kashkadarya region.

Tasks of research. To achieve the research goal, the following tasks were defined:

elucidate the effectiveness and specific features of econometric modeling of the food industry;

Improving the methodological aspects of econometric modeling of the food industry, taking into account regional conditions and factors affecting them in the development of the food industry;

improving the system of statistical indicators and their econometric models in order to assess the current state, dynamics and development trends of the food industry;

development of medium-term (2024-2028) forecast options for the development of the food industry in Kashkadarya region on the basis of the socio-economic development strategy of the region.

Forecasting the production volume of the food industry and the problems and prospects of its introduction in Kashkadarya is to develop a system of scientific proposals.

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