

# **The impact of e-commerce and R&D on Gdp of Iran**

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The evolution of communications technology and, as a result, e-commerce, as an integral part of the globalization process, is so fast that many countries have been able to expand their national infrastructure at a lower cost and time with developing countries. Find their place in the global economy. The purpose of this research is to investigate the impact of e-commerce and research and development on Iran's national production. This research is of a descriptive-survey nature in terms of its application and method. The statistical population of the present study is the years of economic activity in Iran. Information about the actual data needed in this research has been gathered the Central Bank website, Statistics Center of Iran and the World Bank website. Regarding the lack of information on R & D variables and e-commerce on domestic and foreign sites such as the Central Bank, the Center for Statistics of Iran and the World Bank, the investigator inevitably has a sample of 11 years 1385 to 1395 Will be reviewed periodically. The present study was carried out using descriptive statistics and inferential statistics. The research hypotheses were analyzed according to the nature of the data using time series method using software 10 eviws. Given that the data are in proportion and percentage of changes, it is expected to be mana, and it was determined that all variables are mana. The results in the fourth chapter showed that there is a coherent vector for the vector model, so we do not have a regression problem and a long-term relationship exists. In the following, the analysis of classical assumptions including (lack of self-correlation, homogeneity of variance, test of normality of waste sentences, model error) was analyzed. After determining the health of the model, the hypotheses were analyzed. The results showed that e-commerce affects the production of Iran. The impact rate is 7122. Regarding the probability that the value is greater than 0.05 (0.57), research and development on Iran's production is not affected. The third hypothesis of the study showed that the final consumption cost is influencing Iran's production.

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**Keywords : e-commerce, research and development, national production, economic activity**

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