

## Research Summary

”آليات استخدام تقنيات الذكاء الاصطناعي بالجمعيات الأهلية”

(برنامج النظر الخبيرة نموذجاً) -

*Mechanisms for using artificial intelligence techniques in NGOs  
(Expert Systems Program as an example)*

### Published search

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### preparation

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*Since its inception, NGOs in Egypt have played a basic and effective role in providing health, educational and cultural services, eradicating illiteracy, training in liberal professions, and carrying out income-generating activities to combat poverty and destitution, and historically focused on providing these services and social care to the needy groups in society from the poor, the needy, the low-income, the disabled, the elderly, and women Poor women and children in the countryside and the city.*

*In light of the progress that covered many areas, it became necessary to use technology to develop information in NGOs to improve their management, develop performance and reach the best administrative decisions while ensuring quality in providing services.*

*In the past, information systems depended on archives, reports, and brochures, and they were called information organizations, and in recent times, they depend on the computer, as it provides a database, decision support systems, and..etc.*

*Among the recent technological innovations is the Expert Systems Program, which represents the finest areas of artificial intelligence, and it is a computer program that transfers human expertise from experts to the computer and is useful in making decisions, providing justifications and solutions to administrative problems, evaluating the available alternatives, choosing the best of them, and providing advice that benefits the user and the non-user, so it is necessary to rely on it. In the field of NGOs, these systems have proven success in many areas.*

*Therefore, it can be relied on in developing the performance and management of NGOs, given the faster and more accurate service that these systems provide than the current information system, as their performance is faster than the human person and works to preserve human knowledge so as not to lose the quality of administrative decision-making.*

*Expert systems in NGOs need to provide a suitable place for their use, a computer, and human cadres specialized in computers in NGOs, and provide an expert in expert systems, and they call him the knowledge engineer to train executive directors and heads of boards of directors in NGOs to use the system. By presenting the results of previous studies. It is clear the importance of using the expert systems program in NGOs because of its importance in making decisions and providing solutions to administrative problems in NGOs by providing justifications and tips that benefit the user and this is done by transferring human expertise from experts to the computer. The expert preserves the human experience and protects it from loss, and that its performance is faster than the human person, and this is beneficial in the quality of decision-making and seeks to reduce the degree of uncertainty facing decision-makers, and this is what planning seeks. The field of expert systems and smart systems, and the mechanisms for using the expert systems program are summarized in the presence of human cadres A specialist in the field of NGOs, a computer, a place suitable for using a computer, and an expert in expert systems.*