



## Study of Artificial Neural Networks in Information Security Risk Assessment

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### **Original Article:**

*Received 18 March. 2016 Accepted 20 April. 2016 Published 30 May. 2016*

### **ABSTRACT**

The principle of a more comprehensive information capital and organization in the information age and maintain it is very important in this research We decided to use the themes of artificial intelligence algorithms to identify information security risks and impact of Planning for security Reduce risk. For this purpose we examined the IT organization referred to security measures based on the Chkl sets the standard view and review the information we collect to attack the sources of information were both Clustering and classification of the information packet and a peak of the night saw the need of each one have for the probability of error And To Won According to the results of security measures and reduce the likelihood of attacks was effective in reducing dangerous attacks of the clustering of similar results, and they used the system shows the data integrity of the system may be Drnha the data on the different organizational and (c) of Adhsaz the impact of security measures to assess.

### **Keyword:**

Neural networks,  
artificial, risk  
assessment,  
information security,  
algorithm

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