

Artificial Neural Networks for Beginners

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<p>Article Type: Traditional Review</p> <p>Keywords: Artificial neural network, artificial intelligence, traditional review</p> <p>Corresponding Author(s) Şura Alan</p> <p>Adress: Tarsus University, Department of Health Management</p> <p>E-mail: suraalan@tarsus.edu.tr</p>	<p><i>How the human brain works has been an interesting subject throughout history, and various studies have been carried out by scientists. Thanks to the technological developments experienced, applications that can act like the human brain and offer the opportunity to model have started to come to the fore. Artificial neural networks aim to create new information like the human brain does by imitating biological brain functions in the learning process of humans and to automatically perform some humanoid abilities. Inspired by biological neural networks, artificial neural networks are computing systems with a large number of interconnections and simple processors. Artificial neural networks are seen as an alternative to human expertise and knowledge. Artificial neural networks are modeled following the brain closely, and so much of the terminology was inspired by neuroscience. In this article, a traditional review was made in order to provide general information about artificial neural networks.</i></p>