Nutrition  
   
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Nutrition is the biochemical and physiological process by which an organism uses food and water to  
support its life. The intake of these substances provides organisms with nutrients (divided into macro-  
and micro-) which can be metabolized to create energy and chemical structures; too much or too little  
of an essential nutrient can cause malnutrition. Nutritional science, the study of nutrition as a hard  
science, typically emphasizes human nutrition. The type of organism de

## Wikipedia Excerpt: Deep learning

In machine learning, deep learning focuses on utilizing multilayered neural networks to perform tasks such as classification, regression, and representation learning. The field takes inspiration from biological neuroscience and is centered around stacking artificial neurons into layers and "training" them to process data. The adjective "deep" refers to the use of multiple layers (ranging from three to several hundred or thousands) in the network. Methods used can be supervised, semi-supervised or unsupervised.  
Some common deep learning network architectures include fully connected networks, deep belief networks, recurrent neural networks, convolutional neural networks, generative adversarial networks, transformers, and neural radiance fields. These architectures have been applied to fields including computer vision, speech recognition, natural language processing, machine translation, bioinformatics, drug design, medical image analysis, climate science, material inspection and board ga