International Monetary Fund  
   
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The International Monetary Fund (IMF) is an international financial institution and a specialized agency  
of the United Nations, headquartered in Washington, D.C. It consists of 191 member countries, and its  
stated mission is "working to foster global monetary cooperation, secure financial stability, facilitate  
international trade, promote high employment and sustainable economic growth, and reduce poverty  
around the world." The IMF acts a

## 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