China  
   
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China, officially the People's Republic of China (PRC), is a country in East Asia. With a population  
exceeding 1.4 billion, it is the second-most populous country after India, representing 17.4% of the  
world population. China is vast; it borders fourteen countries by land across an area of nearly 9.6  
million square kilometers (3,700,000 sq mi), making it the third-largest country by land area. The  
country is divided into 33 province-level divisions: 22 provinces, 5 autonomous regio

## 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