City  
   
City  
A city is a human settlement of a substantial size. The term "city" has different meanings around the  
world and in some places the settlement can be very small. Even where the term is limited to larger  
settlements, there is no universally agreed definition of the lower boundary for their size. In a narrower  
sense, a city can be defined as a permanent and densely populated place with administratively defined  
boundaries whose members work primarily on non-agricultural tasks. Cities gen

## 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