J. K. Rowling  
   
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Joanne Rowling ( ROH-ling; born 31 July 1965), better known by her pen name J. K. Rowling, is a  
British novelist and author of Harry Potter, a seven-volume series about a young wizard. Published  
from 1997 to 2007, the fantasy novels are the best-selling book series in history, with over 600 million  
copies sold. They have been translated into 84 languages and have spawned a global media franchise  
including films and video games. She writes Cormoran Strike, an ongoing

## 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