What's Deep Learning

Liangjie Cao

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Recently I feel that I should try to read some professional articles . I 'm interested in Deep Learning so I find a paper from « Nature » called Deep Learning .

This paper said that conventional machine learning techniques were limited in their ability to process natural data . Machine learning systems are used to identify objects in images , transcribe speech into text , match news items , posts or products with users interests , and select relevant results of search . [1] These applications make use of a class of techniques called Deep Learning .

Figure 1: Geoffrey Hinton

They try to build a new type of frameworks in this paper , so it can easily take advantages of increases in the amount of availiable computation and data . I will continue learning how it works these days .

References

[1] Geoffrey Hinto Yann LeCun, Yoshua Bengio. Deep learning. *Nature*, 521(28):9, 28 5 2015.