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**Deep Learning in Medical Image Computing**

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**Paper Title: Deep Learning**

**Please summarize the paper using your own words: (<100 words)**

Deep Learning has made a major impact in computer vision and natural language processing. The backbone of the technologies used are mostly derived from convolutional and recurrent neural networks. These models are optimized using raw data to create the desired output without the use of any hand engineered features. Although the revolution is recent, the underlying technology has been proposed around 30 years ago. It was computationally unfeasible until now. The availability of powerful GPUs has paved the way for more innovative network architectures and efficient algorithms to train the networks. Nevertheless, artificial general intelligence is still at an intermediate stage and more work is required to get it to human level.

**Question1 for the paper:**

Will deep learning based solutions (especially in healthcare) be accepted by common people as there is not much explanation behind the decision making process?

**Question 2 for the paper:**

Since the network depends a lot on the data and there are biases (race, gender) in it, what are steps are being taken to make sure that the learned algorithms are not biased themselves?