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(57) Abstract :

Abstract: Deep learning is a computationally intensive approach to machine learning that is based on biological neural networks. In various neural network architectures, such as deep neural networks, and deep belief networks, multiple layers of data must be passed through before the final output can be produced. Deep learning enhances artificial intelligence (AI) and allows for many of its applications. Deep learning has many applications, including CV, speech identifications, language processing etc., for our Python project, we will use 80 percent of the breast cancer histology image dataset to train a classifier. CancerNet is what we'll call it. Our next step will be to create an evaluation matrix for the accuracy of the model. The majority of breast cancers in the United States are IDC, which accounts for 80% of all new cases. Histology, on the other hand, is the study of tissue structure at the cellular level

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