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### Deep Learning Algorithm for Cancer Tissue Image Classification

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**Abstract:**Application of artificial intelligence through the methods and algorithms of machine learning brought a drastic change in the field of developing and building intelligent machines. Deep learning techniques have been proven to be best ways to solve problems involving training and analysis of data in big quantities. Our aim is to apply the machine learning techniques/algorithms to train the histo-pathological image data of breast cancer tissue images for prediction of cancer intelligently. The machine learns from the data trained using machine learning algorithms and takes decisions over intelligent prediction of cancer.

**Keywords:**Image processing, SVM algorithm, Digital image.

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