A Deep Learning Model for Detection Cancer in Breast

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Abstract: *It is exceedingly difficult to identify and classify breast cancer. In reality, a tumor or cancer is a complicated process that involves several changes to the mammography images. Additionally, distinct tissues are used to describe various sections of the image that exhibit variable and high appearance. The primary advantage of this method is image classification for cancer prediction and performance improvement. On an open-source dataset, we trained and tested the application of our research. Python 3 will be used to create this project. The Jupiter IDE will be used to deploy the project. The overall goal of this project is to provide the highest level of performance and efficiency.*

Keywords: Cancer, Tumor, Image Processing, Deep Learning, HOG, CNN

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