

Breast Cancer Diagnosis Using Logistic Regression And Neural Network Algorithm

According to Breast Cancer Institute (BCI), Breast Cancer is one of the most dangerous types of diseases that are very effective for women in the world. As per clinical expert detecting this cancer in its first stage helps in saving lives. As per cancer.net offers individualized guides for more than 120 types of cancer and related hereditary syndromes. For detecting breast cancer mostly machine learning techniques are used. We proposed adaptive ensemble voting method for diagnosed breast cancer using Wisconsin Breast Cancer database. The aim of this work is to compare and explain how CNN and logistic algorithm provide better solution when its work with ensemble machine learning algorithms for diagnosing breast cancer even the variables are reduced. There are 2 types tumors are there. One is Benign Tumor and the other is malignant in which benign Tumor is non-cancerous and the malignant is a cancer Tumor.

Domain: Python / Machine Learning

Technology: Python