



CMR COLLEGE OF ENGINEERING & TECHNOLOGY

(UGC Autonomous)

Kandlakoya, Medchal Road, Hyderabad - 501401

Department of CSE (AI & ML)

ABSTRACT

MINI PROJECT- I/ INTERNSHIP I				
DOMAIN OF THE PROJECT		Machine Learning		
TITLE OF THE PROJECT		Breast Cancer Detection		
NAME OF THE GUIDE WITH DESIGNATION AND DEPARTMENT		Ms. A. Deepika Asst.professor(csm)		
DATE OF SUBMISSION		30-08-2022		
TEAM NUMBER		14		
SNO	HTNO	STUDENT NAME	CONTACT NUMBER	BRANCH/SECTION
1	20H51A6679	Ekkirala Mayukha	7738376930	CSM-A
2	20H51A6642	Nampelli Sai Nishanth	9177460550	CSM-A
3	20H51A6604	Balla Sri Sai Dheeraj	6309307691	CSM-B

PROBLEM DEFINATION:

The aim of our project is to detect the severity of Breast Cancer in women by making use of a dataset which contains information about the blood cells such as: size of nuclei, radius, texture, smoothness etc. of various female patients.

ABSTRACT:

Breast cancer is one of the leading causes for the death of women. In women, breast cancer is treated as the most significant issue. Early diagnosis of this helps to prevent the cancer. If breast cancer is detected in early stage, then survival rate is very high. Machine Learning methods are effective ways to classify data.

Especially in the medical field, where those methods are widely used in diagnosis and analysis for decision making.



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The main objective is to evaluate the efficiency and effectiveness of the algorithm used for classification of data by predicting the outputs with high accuracy. We will be using Logistic Regression to help understand the severity of breast cancer. Labels will be given as per the severity and as soon as we enter the details required to get the prediction, we will get an output stating whether the patient's cancer level is Malignant or benign.

Last date to submit is 30/08/2022

INTERNAL GUIDE

PROJECT COORDINATOR

HOD –CSE(AI&ML)