PROJECT TITLE:

Convolutional neural network analysis for medical image classification using AI.

TEAM MEMBERS:

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PROBLEM STATEMENT:s

The main challenges of cancer detection are less accuracy to detect tumour area and to segment the tumor area. Early detection is important to prevent permanent loss.

EXISTING DIAGNOSE METHODOLOGY:

At present, the MRI image can be challenging due to structure and location in the human body when using multi-modal imaging data.

CAUSE:

Cancer takes place from environmental exposures to those cells over time. Cancers are on occasion called obtained for this reason. As mentioned, a few cancers, specifically in adults, had been related to repetitive exposures or threat factors. A threat element is something that can increase a person's risk of growing a disease.

STAGES:

Cancer has few symptoms similarly and it changes its symptoms for a specific cancer. Whereas, the similar symptoms are Headaches, Seizures, Vision changes, Hearing changes and Drooping of the face.

EFFECTS:

Local overgrowth, spread to other sites, weight loss, decreased resistance to infection. This problem occurs similarly for cancer patients.

OBJECTIVE:

To provide a testing method for cancer using AI to detect the specific area of cancer and its type and location and noting the signs in early stages accurately to avoid complications.