

Department of Artificial Intelligence and Machine Learning

Group No: 14

IPD Project A Weekly Report (2023-24)

Week No: 12 Date:\_

Title of Project: OMAD Time: -

|  |  |  |  |
| --- | --- | --- | --- |
| **Sr.No** | **Sap id** | **Name of the Students** | **Signature** |
| 1 | 60017210016 | Abhay Mathur |  |
| 2 | 60017210019 | Mahir Madhani |  |
| 3 | 600172100 | Darsh Thakkar |  |
| 4 | 600172100 | Omar Shaikh |  |

To be filled by Students only

Activities Completed this week:

**Brain Tumour YOlOv8 with BraTS dataset.**

We looked for a better dataset curated by medical professionals and we found a dataset called BraTS 2020. We did some research on the usage of the dataset and we found many research papers that have used it for brain tumour detection and have achieved very good accuracy.

Project Status: \_\_\_\_\_\_\_\_\_\_

Major Issues: The images in the dataset were of NIfTI or H5 format and not of JPG or PNG. We have only manipulated and used images in the JPG or PNG format. We did not know how to deal with .nii/.h5 files so we could not move forward with the training process of the model.

**Next Week Plan:** To figure out how to manipulate NIfTI/H5 image formats of MRI scans and train our model on them.

**Project Guide Remark:** Excellent ⧠ Good ⧠ Satisfactory ⧠ Not Satisfactory ⧠

Comment by Guide:

Project Guide Name & Signature: