

Department of Artificial Intelligence and Machine Learning

Group No: 14

IPD Project A Weekly Report (2023-24)

Week No: 13 Date:\_

Title of Project: OMAD Time: -

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| **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:

**Working with NIfTI and H5 image files**

We learnt how to read and display NIfTI and H5 image files using a python library called Nibabel. NIfTI files, with the extension .nii, are commonly used in neuroimaging and store volumetric three-dimensional data, including information from MRI scans. On the other hand, H5 files, denoted by the .h5 extension, are Hierarchical Data Format files that offer a versatile structure for storing and managing large amounts of data.

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

Major Issues: We took a very long time and an extensive study of the documentation for these files to figure out how to use them.

**Next Week Plan:** To try and train our model on this BraTS 2020 dataset

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

Comment by Guide:

Project Guide Name & Signature: