

Department of Artificial Intelligence and Machine Learning

Group No: 14

IPD Project A Weekly Report (2023-24)

Week No: 10 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:

**Brain Tumour Dataset.**

On Roboflow, we've discovered datasets that not only segment brain tumors but also classify MRI scans into those with tumors and those without. This dual functionality provides a comprehensive resource for our research, allowing us to analyze tumor characteristics through segmentation and develop models for overall scan classification.

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

Major Issues: The available datasets were somewhat limited, necessitating manual augmentation and preprocessing to enhance their diversity and quality. This hands-on approach was crucial in compensating for the initial limitations, ensuring a more robust foundation for our research on brain tumor detection.

**Next Week Plan:** Train our YOLOv8 model on the brain tumour dataset that we found on Roboflow.

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

Comment by Guide:

Project Guide Name & Signature: