

Department of Artificial Intelligence and Machine Learning

Group No: 14

IPD Project A Weekly Report (2023-24)

Week No: 2 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:

**Experimenting with Binary Classifications:**

With our prior knowledge about basic Machine Learning algorithms, we tried to derive output on a brain tumour dataset. We implemented Binary classification models like logistic regression, K-means, SVM to find out whether Brain Tumor was detected or not.

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

**Major Issues:** This wasn't a good idea since it wasn’t efficient and accurate on larger, more complicated datasets. Using Binary Classification we can only predict whether the tumor is detected or not and give no further information regarding the tumor.

Next Week Plan  Conducting a literature survey and reviewing research papers which would provide clarity.

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

Comment by Guide:

Project Guide Name & Signature: