**Title: Importance of tumor location in predicting recurrence**

Description: This project aims to understand what features contribute the most in predicting tumor recurrence location.

Data:

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Tumor Type | Tumor Grade | Tomor Location | Treatment | Treatment Outcome | Recurrence Location (Target) |
| Glioblastoma | IV | Frontal lobe | Surgery | Partial response | Temporal lobe |

Where will get data:

Brain Tumor - <https://www.kaggle.com/datasets/thegoanpanda/brain-tumor-stage-based-recurrence-patterns>

**Title: Heart Disease Patient Classification**

Description: This project aims to better understand relationships between heart disease patients and explore density agglomeration/feature importance for classification.

Data:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| age | totChol | heartRate | glucose | CHDRisk |
| 34 | 195 | 80 | 77 | no |

Where to get data:

Heart decease - <https://www.kaggle.com/datasets/mahdifaour/heart-disease-dataset>

This is just another data set we could explore:

Breast Cancer - <https://www.kaggle.com/datasets/uciml/breast-cancer-wisconsin-data>