Data Collection and Preprocessing Phase

Date	15 March 2024
Team ID	Team-738168
Project Title	Cognitive Care: Early Intervention for Alzheimer's Disease
Maximum Marks	2 Marks

Data Quality Report Template

The Alzheimer's disease prediction model utilizes data from various sources, including demographic information, daily lifestyle, medical history, routine physical examination, longitudinal MRI data, clinical tests, genetic data, and imaging data from the Alzheimer's Disease Neuroimaging Initiative (ADNI) database.The dataset underwent preprocessing steps to handle inconsistencies, redundancies, missing values, and unwanted attributes to ensure the accuracy of the machine learning algorithms used for prediction.This Data Quality Report highlights the comprehensive data sources, preprocessing steps, model training, performance metrics, interpretability, limitations, and areas for future improvement in the Alzheimer's disease prediction model developed using deep learning technique.

Data Source	Data Quality Issue	Severity	Resolution Plan
Kaggle Dataset	Size of the images is also not same.	High	By making size of the images same.
Kaggle Dataset	Images also have very minor differences.	High	—