

Data Collection and Preprocessing Phase

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| Date | 13 July 2024 |
| Team ID | xxxxxx |
| Project Title | Detection of Autistic Spectrum Disorder: Classification |
| Maximum Marks | 2 Marks |

Data Collection Plan Template

| Section | Description |
|-----------------------------|--|
| Project Overview | The project aims to develop a machine learning model to improve the early detection of Autism Spectrum Disorder (ASD) using behavioral and clinical features. The objective is to enhance the accuracy and accessibility of ASD screening by analyzing data on individual characteristics and behaviors. |
| Data Collection Plan | Data will be collected from publicly available datasets relevant to autism screening and classification. These datasets will include information on behavioral traits, clinical features, and individual characteristics necessary for training and evaluating the machine learning models. |
| Raw Data Sources Identified | Autism Screening classification Dataset - https://www.kaggle.com/code/faizunnabi/autism-screening-classification |

Raw Data Sources Template

| Source Name | Description | Location/URL | Format | Size | Access Permissions |
|-------------|---|---|--------|----------|--------------------|
| Kaggle.com | Dataset containing individual characteristics and behavioral features for autism screening. Includes columns for age, gender, various scores, and binary features related to ASD detection. | https://www.kaggle.com/code/faizunnabi/autism-screening-classification | arff | 58.58 kb | Public |