

Data Collection and Preprocessing Phase

Date	10 July 2024
Team ID	SWTID1720243396
Project Title	Panic disorder detection using machine learning techniques.
Maximum Marks	2 Marks

Data Collection Plan & Raw Data Sources Identification Report:

Elevate your data strategy with the Data Collection plan and the Raw Data Sources report, ensuring meticulous data curation and integrity for informed decision-making in every analysis and decision-making endeavour.

Data Collection Plan:

Section	Description
Project Overview	The machine learning program aims to help detect panic in individuals, based on an individuals age, gender, symptoms, history, etc. The objective is to make a model that helps people diagnose with panic disorder to be able to get the necessary help they need.
Data Collection Plan	<ul style="list-style-type: none"> ● Search for datasets related to severity, impact on life, and individual details. ● Prioritize datasets with diverse demographic information.
Raw Data Sources Identified	The raw data sources for this project include datasets obtained from Kaggle, the popular platforms for data science competitions and repositories. The provided sample data represents a subset of the collected information, encompassing variables such as gender,

	age, family history, symptoms, current stressors and other disorder-related details for machine learning analysis.
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Raw Data Sources Report:

Source Name	Description	Location/URL	Format	Size	Access Permissions
Kaggle Dataset	The dataset comprises applicant details (age, gender, family history, symptoms, etc),	https://www.kaggle.com/datasets/muhammadasadshahidazeem/panic-disorder-detection-dataset	CSV	2.5 MB	Public