

Data Collection and Preprocessing Phase

Date	15 March 2024
Team ID	SWTID1749622322
Project Title	Mental Health Prediction
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 endeavor.

Data Collection Plan:

Section	Description
Project Overview	The machine learning project aims to predict mental health issues based on individual attributes. Using a dataset with features such as age, gender, work environment, stress levels, and family history, the objective is to build a model that accurately classifies the likelihood of mental health conditions, enabling early intervention and informed support strategies.
Data Collection Plan	<ul style="list-style-type: none"> ● Search for datasets related to mental health conditions, personal and workplace factors, and psychological assessments. ● Prioritize datasets with diverse demographic information.
Raw Data Sources Identified	The raw data source for this project include dataset obtained from Kaggle, the popular platform for data science competitions and repositories. The provided sample data represents a subset of the collected information, encompassing variables such as Age, Gender, Country, State, Self Employed, Family History, Treatment,

	Work Interfere, No Employees, Remote Work, Tech Company, Benefits, Care Options, Wellness Program, Seek Help, Anonymity, Leave, Mental Health Consequence, Phys Health Consequence, Coworkers, Supervisor, Mental Health Interview, Phys Health Interview, Mental vs Physical and Comments.
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Raw Data Sources Report:

Source Name	Description	Location/URL	Format	Size	Access Permissions
Kaggle Dataset	The dataset comprises of Work Interfere, No Employees, Remote Work, Tech Company, Benefits, Care Options, Wellness Program, Seek Help, Anonymity, Leave, Mental Health Consequence, Phys Health Consequence, Coworkers, Supervisor, Mental Health Interview, Phys Health Interview, Mental vs Physical and Comments.	https://www.kaggle.com/datasets/osmi/mental-health-in-tech-survey	CSV	303.68 kB	Public