Date	20June2024
TeamID	740007
ProjectTitle	Mentalhealthprediction
MaximumMarks	2Marks

Section	Description
ProjectOverview	Themachinelearningprojectaimstopredictmentalhealth outcomesbasedonpersonalanddemographicinformation. Usingadatasetwithfeaturessucha employmentstatus,mentalhealthhistory,andlifestyle factors,theobjectiveistobuildamodelt predictsmentalhealthstatus(e.g.,presenceofmentalhealth condition,severity).Thiswillfacilitateearlyinterventionand personalizedtreatmentplanning. |
DataCollectionPlan	-Searchfordatasetsrelatedtomentalhealthassessments, psychologicalsurveys,anddemographicdetails. Prioritizedatasetswithdiversedemograp includingage,gender,employmentstatus,andlifestyle factors..

RawDataSources Identified	Therawdatasourcesforthisprojectincludedatasets obtainedfrommentalhealthsurveysandre Kaggle,UCIMachineLearningRepository,andpublichealth databases.Theprovidedsampledatarepresentsasubsetof thecollectedinformation,encompassingvariablessuchas age,gender,employmentstatus,mentalhealthhistory,and lifestylefactorsformachinelearnin

DataCollectionandPreprocessingPhase

DataCollectionPlan&RawDataSourcesIdentificationReport:

Identifyandgatherclinicalrecords,surveys,behavioraldata,publicdatasets,and researchstudies.Ensureethicalcomplianceanddataqualitythroughouttheprocess.

DataCollectionPlan:

RawDataSourcesReport:

Source Name	Description	Location/URL	Format	Size	Access Permissions
Kaggle Dataset	Thedataset comprises personal details(age, gender, employment status), mental health metrics (survey responses, diagnoses), andlifestyle factors (exercise frequency, sleep patterns).	https://www.kaggle.com/datasets/osmi/mental - health-in-tech-survey	CSV	TBD	Public