

DataCollectionandPreprocessingPhase

Date	20June2024
TeamID	740007
ProjectTitle	Mentalhealthprediction
MaximumMarks	2Marks

DataQualityReport:

Adataqualityreportformentalhealthpredictionsshouldincludeassessmentofdata completeness,correctness,consistency,andrelevance,ensuringreliablepredictive modelingandethicalimplicationsareaddressed.

DataQualityReport:

Data Source	DataQualityIssue	Severity	ResolutionPlan
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Kaggle Dataset	Inconsistent reporting of symptoms, incomplete surveys, privacy concerns regarding sensitive mental health information, and potential biases in self-reported data.	High	Implement rigorous data validation processes, anonymize and secure sensitive data, adhere to privacy regulations (e.g., GDPR, HIPAA), conduct regular audits of data quality, improve survey design for clarity and completeness, utilize techniques like data augmentation or external validation through expert review, and leverage machine learning algorithms for anomaly detection and pattern recognition.
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