



${\tt Data Collection} and {\tt Preprocessing Phase}$

Date	15June2024
TeamID	740035
ProjectTitle	
	Mentalhealthprediction
MaximumMarks	6Marks

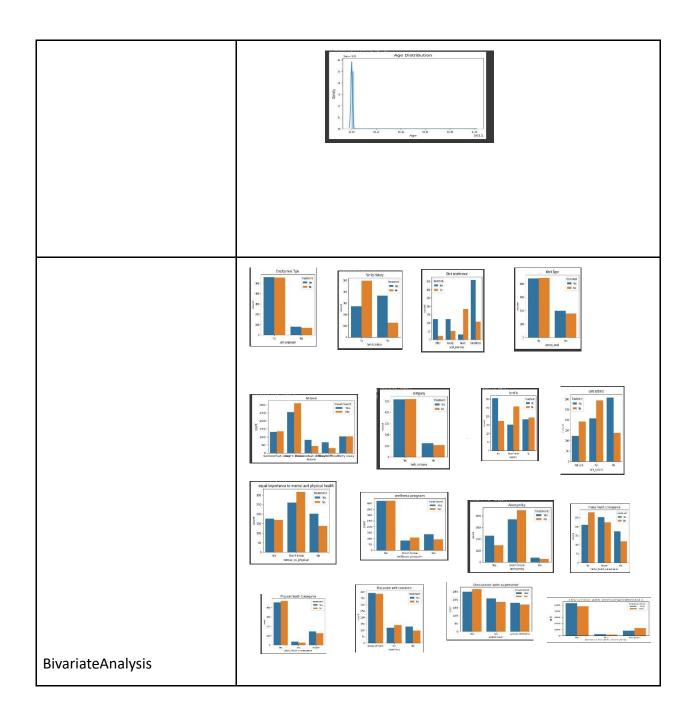
 ${\color{blue} \textbf{DataExploration} and Preprocessing Report}$

Dataexploration formental health prediction involves an alyzing and understanding datasets to identify patterns and correlations relevant to mental health factors. Preprocessing includes cleaning data, handling missing values, and transforming variables to prepare for predictive modeling and analysis.

Section	Description						
	<u>Dimension</u> : 5rows*27columns						
	<u>Descriptivestatistics</u>						
	Timestamp Age Gender Country state self_employed family_history treatment work_interfere no_employees leave mental_health_consequence phys_hea						
	2014-08- United IL NaN No Yes Often 6-25 samevhat No 11:29:31						
	2014-08- United IN NaN No No Rarely Morethan Don't Maybe 1 27 44 M States IN NaN No No Rarely 1000 know Maybe 11:29:37						
	2014-08. 2 27 32 Male Canada NaN NaN No No Rarely 6-25 difficult 11:29-44						
	2014-08. United NaN NaN Yes Yes Often 26-100 Somewhat Yes 11:29-46 difficult						
	2014-08. United 7X NaN No No Never 100-500 Don't No 11:30:22						
Data	5 rows × 27 columns						
Overview							
Univariate Analysis							











MultivariateAnalysis													
OutliersandAnomalies	-												
DataPreprocessingCo	eScr	een	sho	ts									
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		2014 3 11:29 2014 4 11:30	27 31 0:46 -08 -27 31		United Kingdom United States						26-100 100-500	Somewhat difficult Don't know	Yes No
		11:30 5 rows × 27		Male	States	1.8	NaN	NO	No	Never	100-500	know	NO
LoadingData													





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HandlingMissingData	
DataTransformation	
FeatureEngineering	Attached the codes in final submission.
SaveProcessedData	_