Data Collection and Preprocessing Phase

Date	15 June 2024
Team ID	739903
Project Title	Mental health prediction
Maximum Marks	6 Marks

Data Exploration and Preprocessing Report

Data exploration for mental health prediction involves analyzing 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.

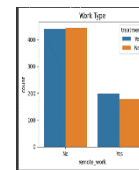| Section	Description
Data Overview	Dimension: 5 rows*27 columns Descriptive statistics:
Univariate Analysis	

Age Distribution

Bivariate Analysis

Employment Type

Family History

Work Interference

Work Type

leave

company

benefits

care options

equal importance to mental and physical health

wellness program

Anonymity

mental health consequence

Physical Health Consequence

Discussion with coworkers

Discussion with supervisor
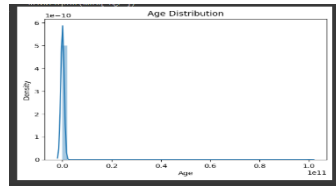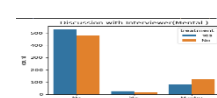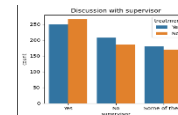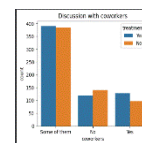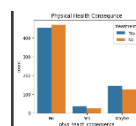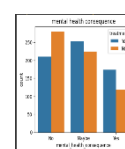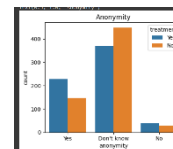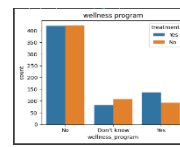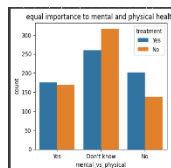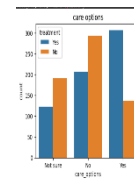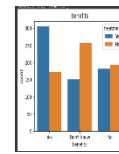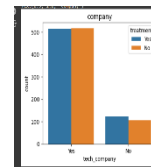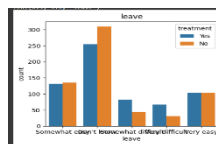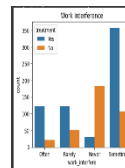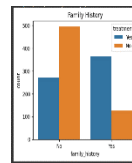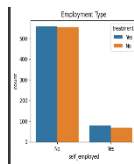
Multivariate Analysis	

Outliers and Anomalies	-

Data Preprocessing Code Screenshots

Loading Data	
Handling Missing Data	

Data Transformation	
Feature Engineering	Attached the codes in final submission.
Save Processed Data	-