



Data Collection and Preprocessing Phase

Data Conection and	reprocessing r hase
Date	28 June 2024
Team ID	739800
Project Title	
	Predictive Pulse: Harnessing Machine Learning For Blood Pressure Analysis.



Description

Section



Maximum Marks	6 Marks					
Data Exploration and Preprocessing Report						
Dataset variables will be statistically analyzed to employed for preprocessing tasks like normalizat will address missing values and outliers, ensuring and forming a strong foundation for insights and	ion and feature engineering. Data cleaning g quality for subsequent analysis and modeling,					





Descriptive Analysis:-

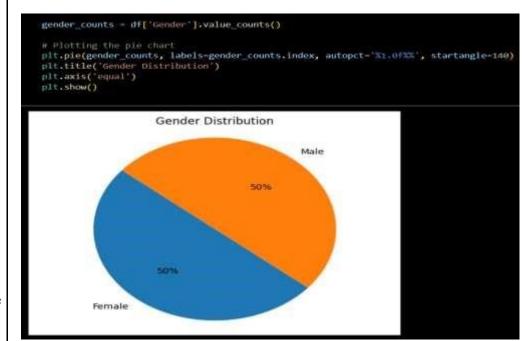
df.describe()						Pytor								
	Gender	Age	History	Patient	TakeMedication	Severity	BreathShortness	VisualChanges	NoseBleeding	Whendiagnoused	Systolic	Diastolic	ControlledDiet	Stages
count	1825	1825	1825	1825	1825	1825	1825	1825	1825	1825	1825	1825	1825	1825
unique	2	4	2	2	3	3	2	2	3	3	5	5	2	6
top	Female	51- 64	165	No	No	Moderate	No	No	No	<1 Year	111 - 120	81-90	No	HYPERTENSION (Stage-1)
freq	913	475	1657	994	744	697	976	940	984	625	1008	708	984	648

Data

Overview



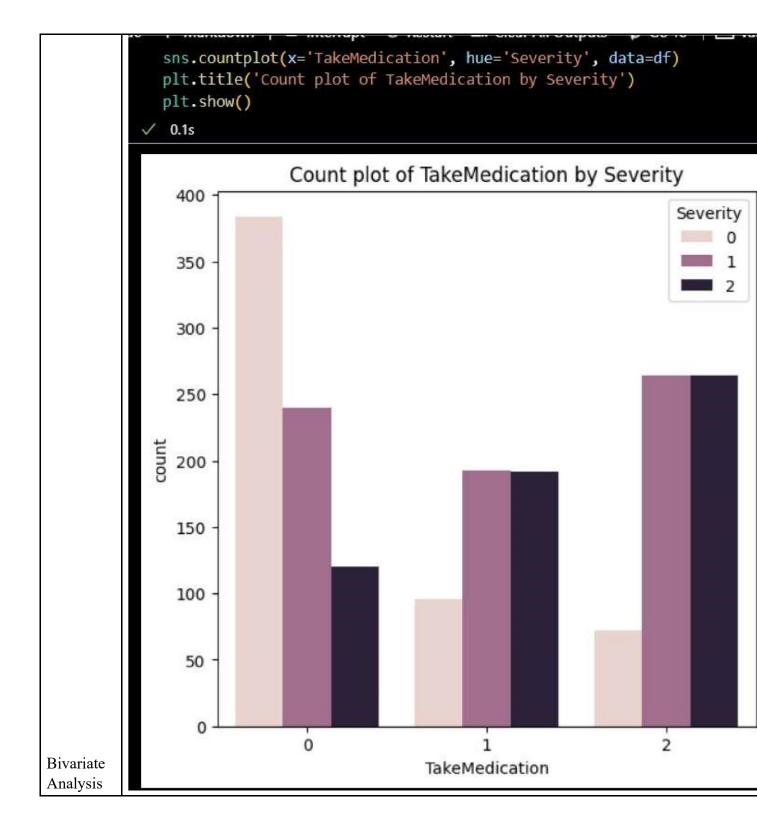




Univariate Analysis

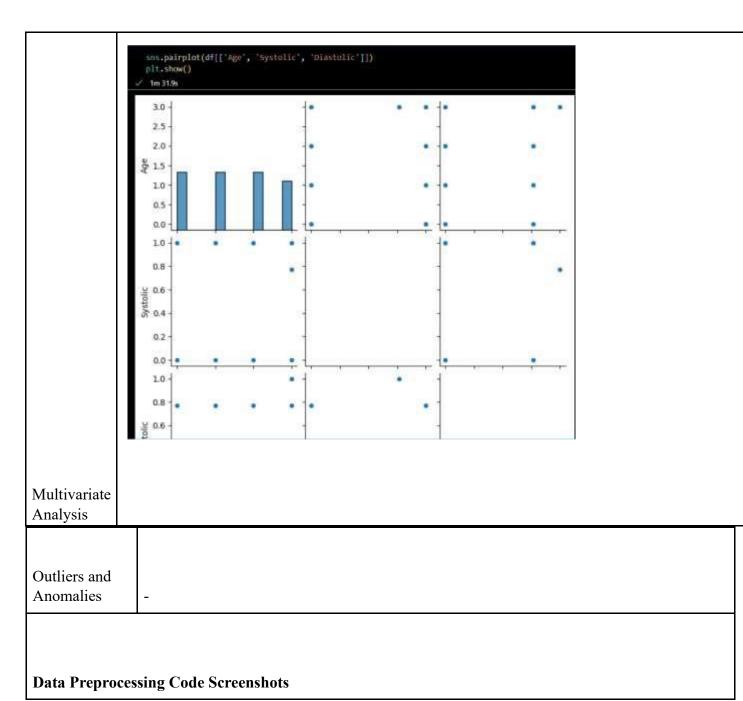






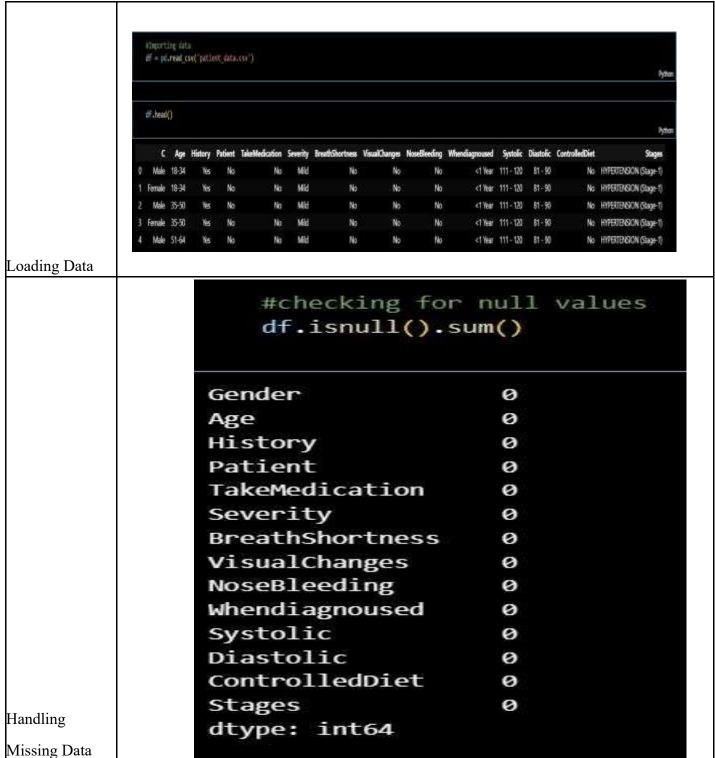
















Feature	Attached the codes in final submission
Engineering	Attached the codes in final submission.
Carra	
Save	
Processed Data	