



Data Collection and Preprocessing Phase

Data Conection and	reprocessing r hase
Date	28 June 2024
Team ID	739780
Project Title	
	Predictive Pulse: Harnessing Machine Learning For Blood Pressure Analysis.



Description

Section



Maximum Marks	6 Marks	
Data Exploration and Preprocessing Re		
Dataset variables will be statistically analy employed for preprocessing tasks like nor will address missing values and outliers, e and forming a strong foundation for insigl	malization and feature engineering. Data ensuring quality for subsequent analysis a	cleaning
	-	





Descriptive Analysis:-

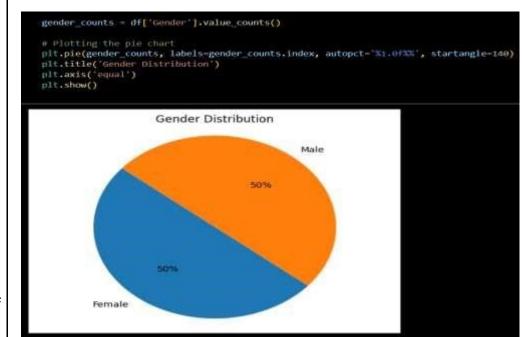
														Pyto
	Gender	Age	History	Patient	TakeMedication	Severity	BreathShortness	Visual Changes	NoseBleeding	Whendiagnoused	Systolic	Diastolic	Controlled Diet	Stages
count	1825	1825	1825	1825	1825	1825	1825	1825	1825	1825	1825	1825	1825	1825
unique	2	4	2	2	3	3	2	2	3	3	5	5	2	()
top	Female	51- 64	1/65	No	No	Moderate	No	No	No	<1 Year	111 - 120	81-90	No	HYPERTENSION (Stage-1
freq	913	475	1657	984	744	697	976	940	984	625	1008	708	984	64

Data

Overview



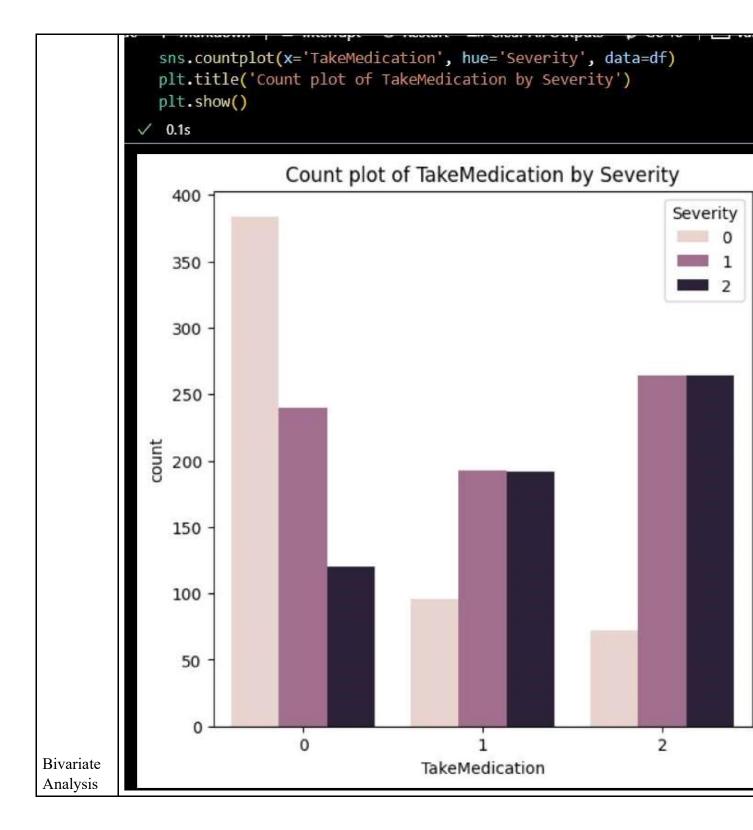




Univariate Analysis

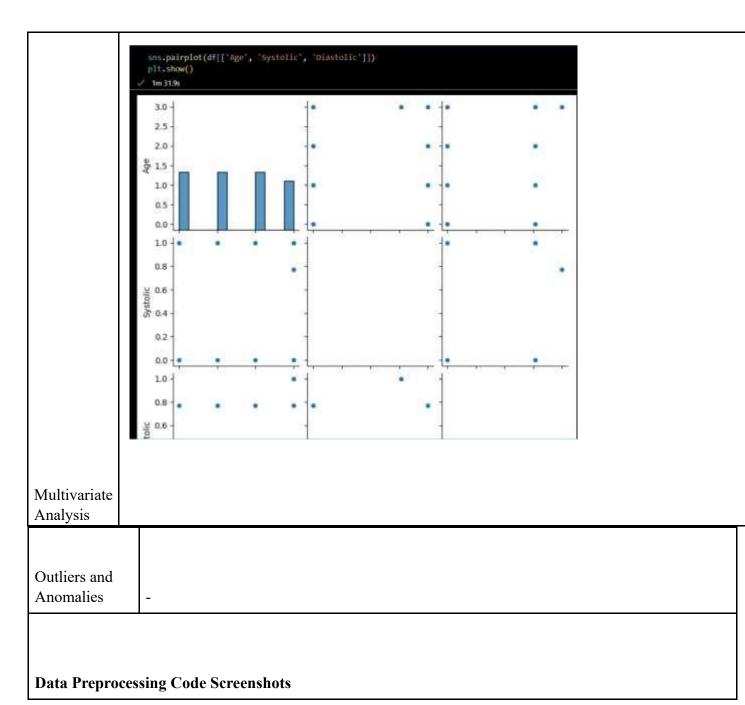






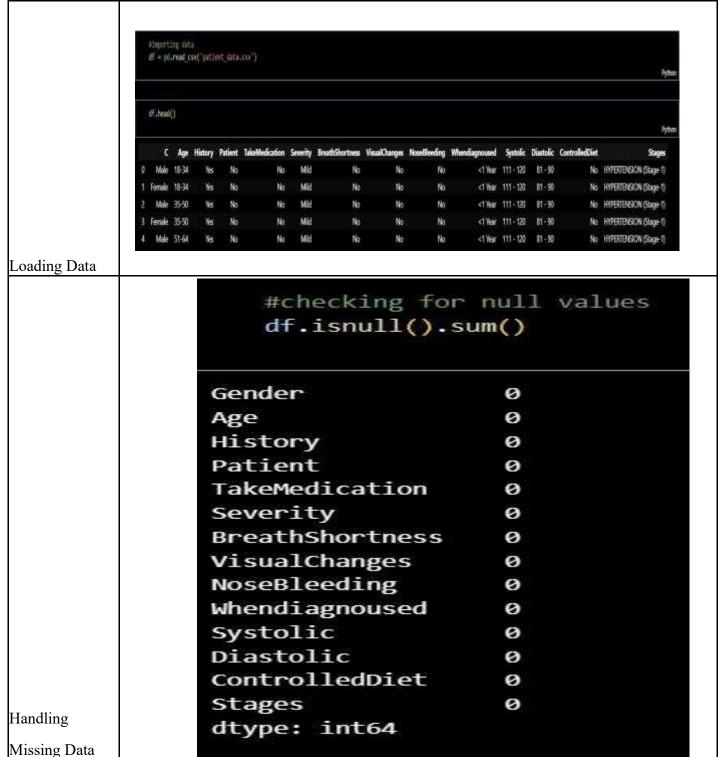
















Feature	
Engineering	Attached the codes in final submission.
Save	
Processed Data	-