

Streamlit Uygulama 1

Parkinson Disease

☐ Show dataframe

Description of Data

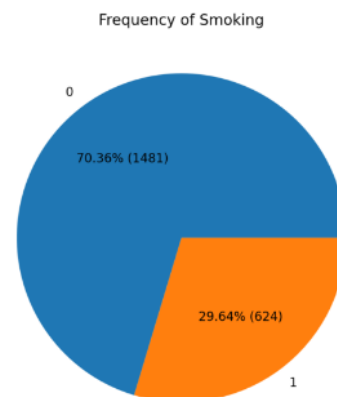
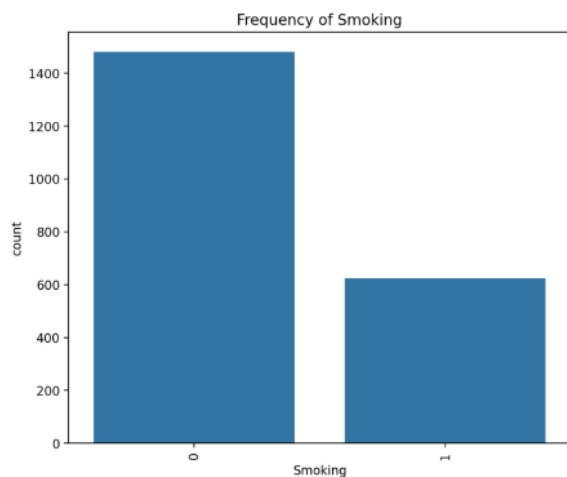
	Category	Count
0	Observations	2,105
1	Variables	34
2	cat_cols	18
3	num_cols	16
4	cat_but_car	0
5	num_but_cat	18

Categorical Data Summary [↔](#)

Select a categorical column

Smoking

	Smoking	Ratio
0	1,481	70.3563
1	624	29.6437



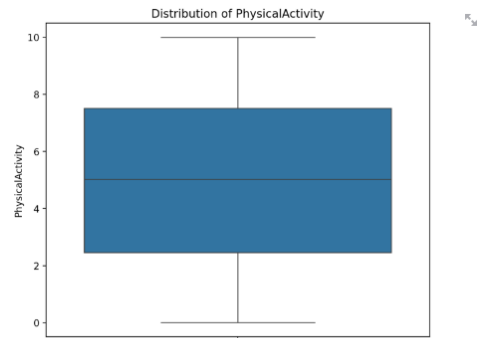
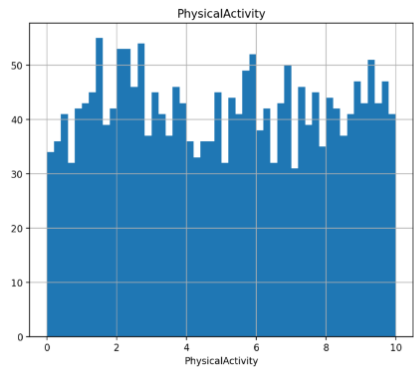
Numerical Data Summary [↔](#)

Select a numerical column

PhysicalActivity

▼

	PhysicalActivity
count	2,105
mean	5.0167
std	2.8909
min	0.0042
5%	0.5748
10%	1.1043
20%	2.0483
30%	2.8934
40%	3.9342
50%	5.0316



Model Evaluation Metrics [↔](#)

Model Performance Metrics:

	Model	Accuracy	Recall	Precision	F1 Score	AUC
0	LogisticRegression	0.79	0.855	0.82	0.84	0.77
1	KNeighborsClassifier	0.68	0.771	0.73	0.75	0.64
2	DecisionTreeClassifier	0.88	0.895	0.91	0.9	0.87
3	RandomForestClassifier	0.91	0.916	0.94	0.93	0.9
4	SVC	0.78	0.849	0.81	0.83	0.76
5	XGBClassifier	0.91	0.925	0.94	0.93	0.91

Select a model

XGBClassifier



Confusion Matrix for XGBClassifier:

