

Cardiac Arrhythmia Prediction using Streamlit

(452, 280)

you selected cardiac\_risk

Data Types



Show Dataset

Number of Rows to view

9

- +

	age	sex	height	weight	qrs_duration	p-r_interval	q-t_interval	t_inte
0	75	0	190	80	91	193	371	
1	56	1	165	64	81	174	401	
2	54	0	172	95	138	163	386	
3	55	0	175	94	100	202	380	
4	75	0	190	80	88	181	360	
5	13	0	169	51	100	167	321	
6	40	1	160	52	77	129	377	
7	49	1	162	54	78	0	376	
8	44	0	168	56	84	118	354	

Column Names

Show Shape

Select

- rows
- columns

Number of columns 280

Select Some Columns

select

p-r\_interval

×

qrs

×

weight

×

⌵

	p-r_interval	qrs	weight
0	193	-16	80
1	174	25	64
2	163	96	95
3	202	28	94
4	181	-16	80

5	167	107	51
6	129	77	52
7	0	67	54
8	118	61	56
9	130	85	67
10	135	72	72

value counts

DataTypes

Summary

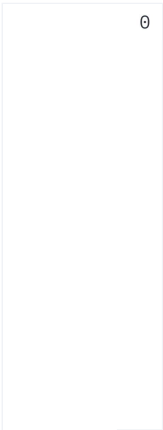
MinMaxScaler

	diagnosis
212	2
189	9
386	16
139	1
448	10

☐ Rescaled Data

Checking Missing Values

Check missing values



(406, 274)

AxesSubplot(0.125,0.712609;0.227941x0.167391)

AxesSubplot(0.348369,0.786208;0.315659x0.198792)

AxesSubplot(0.695176,0.786208;0.294824x0.198792)

AxesSubplot(0.0312315,0.529139;0.294824x0.198792)

AxesSubplot(0.363204,0.529139;0.294824x0.198792)

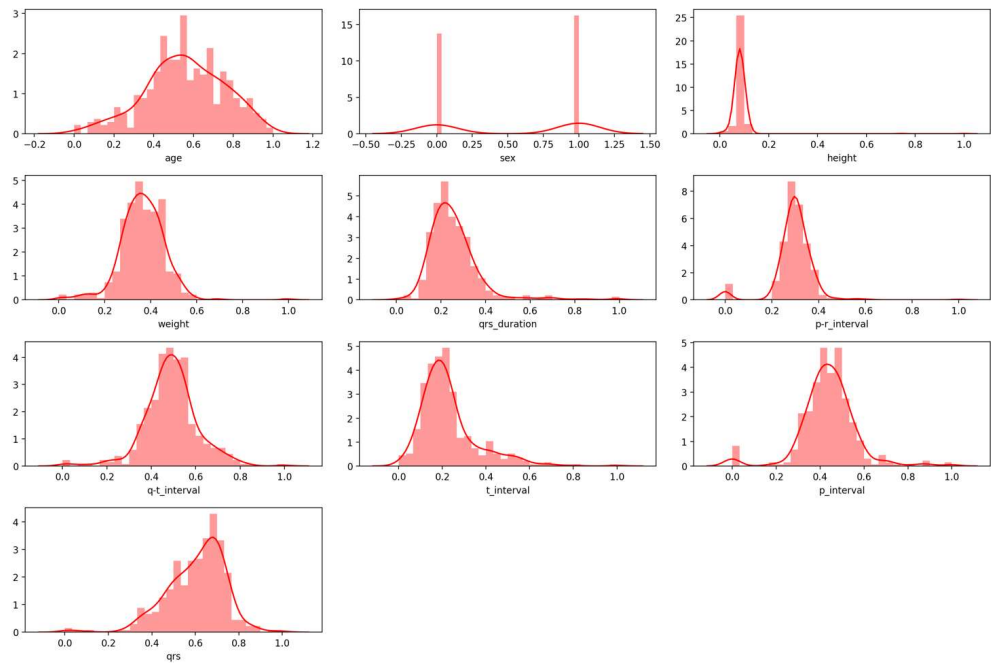
AxesSubplot(0.695176,0.529209;0.294824x0.198686)

AxesSubplot(0.0312315,0.272105;0.294824x0.198686)

AxesSubplot(0.363204,0.272105;0.294824x0.198686)

AxesSubplot(0.695176,0.272105;0.294824x0.198686)

AxesSubplot(0.0312315,0.015;0.294824x0.195835)



height weight qrs\_duration p-r\_interval q-t\_interval t\_interval p\_interval q-wave r-wave R'-wave  
AA AC AD AE AF AG AH AI AK AL AM AN AO AP AR AS AT AY AZ AB' BC BD BE BF BG BH BL BM  
BO BP BR BS BT BU BV BY CA CC CE Cf CG CH CI CJ CL CM CN CP CR CT CU CV CY CZ DB DC DD  
DE DF DG DH DI DJ DK DL DN DO DP DR DS DT DU DV DY DZ EA EB EC ED EF EG EH EI EJ EK EL  
EM EN EO EP ER ET EU EZ FA FB FC FD FE FG FI FK FM FN FO FR FT FU FV FY GB GE GG GK GL  
GR GT GU GZ HB HD HG HI HJ HL HN HP HR HU HY IA IC ID IE IG II IK IM IN IR IT IV JA JB JC  
JD JF JH JJ JK JL JM JN JS JU JV JY KA KC KE KG KH KJ KK KO KR KV KZ LB LD LF LG 182

☐ Feature to be selected

Data Visualisation

☐ Correlation Plot

☐ Pie Plot

Customizable plot

select type of plot

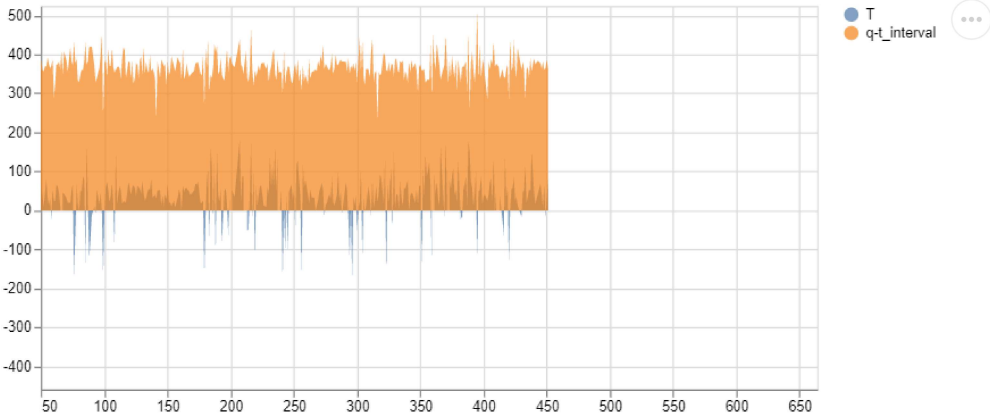
area

select columns

T x q-t\_interval x

Generate Plot

Generate Customizable Plot of area for ['T', 'q-t\_interval']



Model

Our Prediction

Give the age

10

- +

Enter the Gender

0.00

- +

Enter the Height

100

- +

Enter the weight

6

- +

Enter the BP

55

- +

Enter the printerval

40

- +

Enter the sugar value

100

- +

Enter the tinterval

100

- +

Enter the printerval

40

- +

Enter the qrs value

10

- +

10 0 100 6 55 40 100 100 40 10

0

0 5

<class 'numpy.ndarray'>

He has Sinus tachycardy