

(452, 280)

you selected cardiac_risk

Data Types

	0
CV	int64
CY	int64
CZ	int64
DA	int64

Show Dataset

Number of Rows to view

5

- +

	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	

Column Names

Show Shape

Select

- rows
- columns

Number of rows 452

Select Some Columns

select

t_interval x qrs_duration x height x

	t_interval	qrs_duration	height
0	174	91	190
1	149	81	165
2	185	138	172
3	179	100	175
4	177	88	190
5	174	100	169
6	133	77	160
7	157	78	162
8	160	84	168

9	156	89	167
10	156	102	170



value counts

DataTypes

Summary

The summary

	age	sex	height	weight	qrs_duration	p-r_interval	q-t_int
count	452	452	452	452	452	452	
mean	46.4712	0.5509	166.1881	68.1704	88.9204	155.1527	36
std	16.4666	0.4980	37.1703	16.5908	15.3644	44.8423	3
min	0	0	105	6	55	0	
25%	36	0	160	59	80	142	
50%	47	1	164	68	86	157	
75%	58	1	170	79	94	175	
max	83	1	780	176	188	524	

MinMaxScaler

	diagnosis
212	2
189	9
386	16
139	1
448	10

Rescaled Data

Number of Rows to views

5

- +

	age	sex	height	weight	qrs_duration	p-r_interval	q-t_interval	t_i
0	0.7590	0	0.0955	0.4294	0.2707	0.2882	0.6426	
1	0.7952	1	0.0687	0.4353	0.7368	0.2977	0.6823	
2	0.9398	0	0.0627	0.2353	0.3158	0.2309	0.5415	
3	0.6145	1	0.0746	0.4353	0.2256	0.3187	0.4440	
4	0.4458	0	0.1194	0.4647	0.3383	0.2615	0.4657	

274

Checking Missing Values

Check missing values

	0
age	0
sex	0
height	0
weight	0
qrs_duration	0
p-r_interval	0
q-t_interval	0
t_interval	0
p_interval	0
qrs	0
q_wave	0

(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)

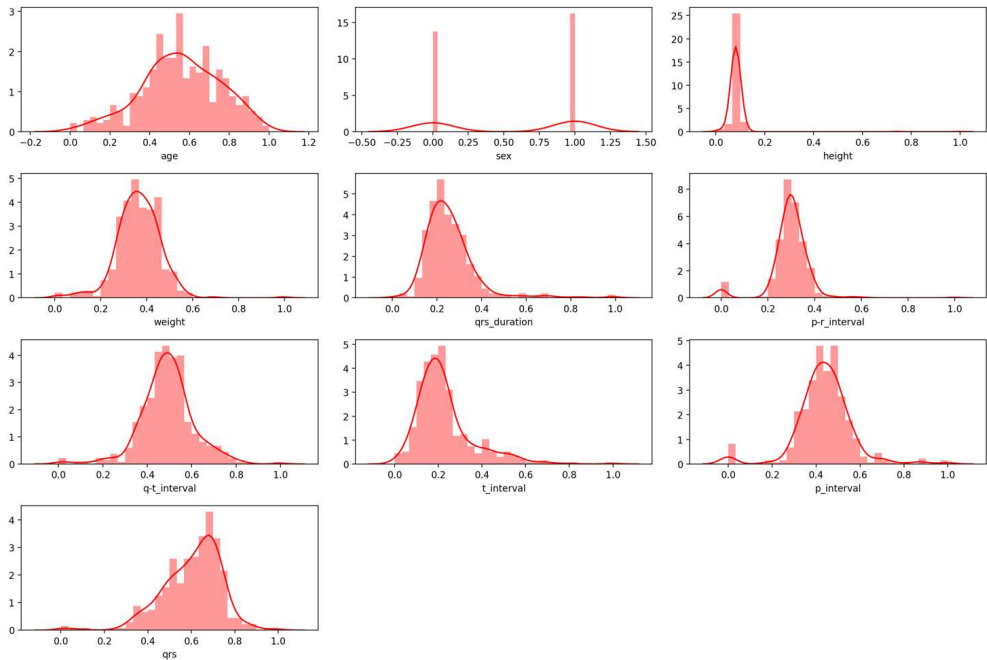
AxesSubplot(0.695176,0.529209;0.294824x0.198686)

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

Number of Features to selected

20

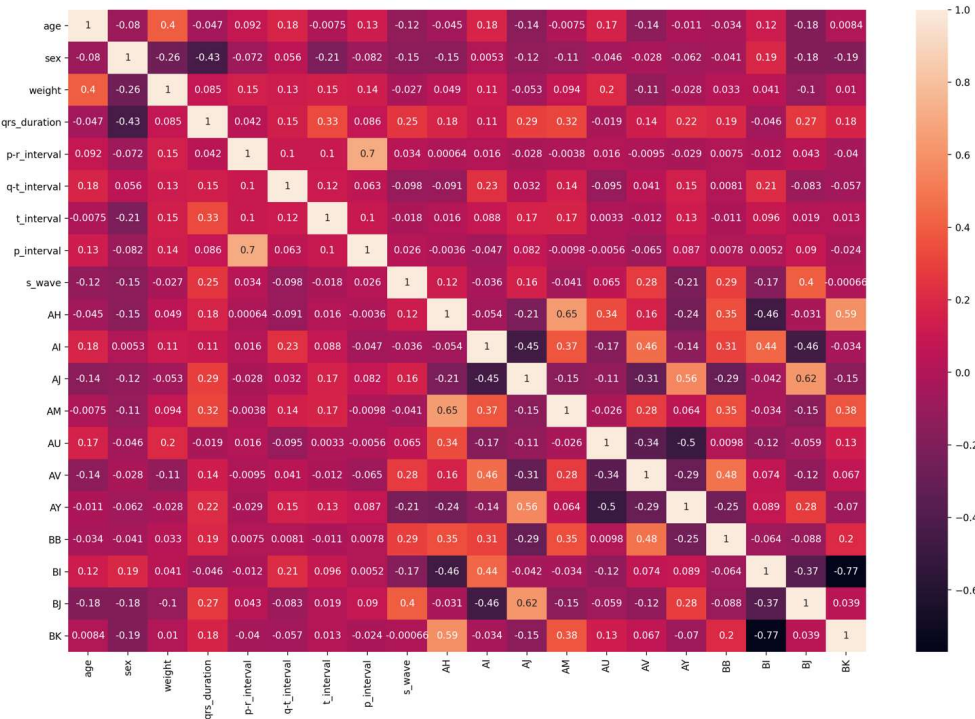
- +

0	age
1	sex
2	weight
3	qrs_duration
4	p-r_interval
5	q-t_interval
6	t_interval
7	p_interval
8	s_wave
9	AH

Data Visualisation

Correlation Plot

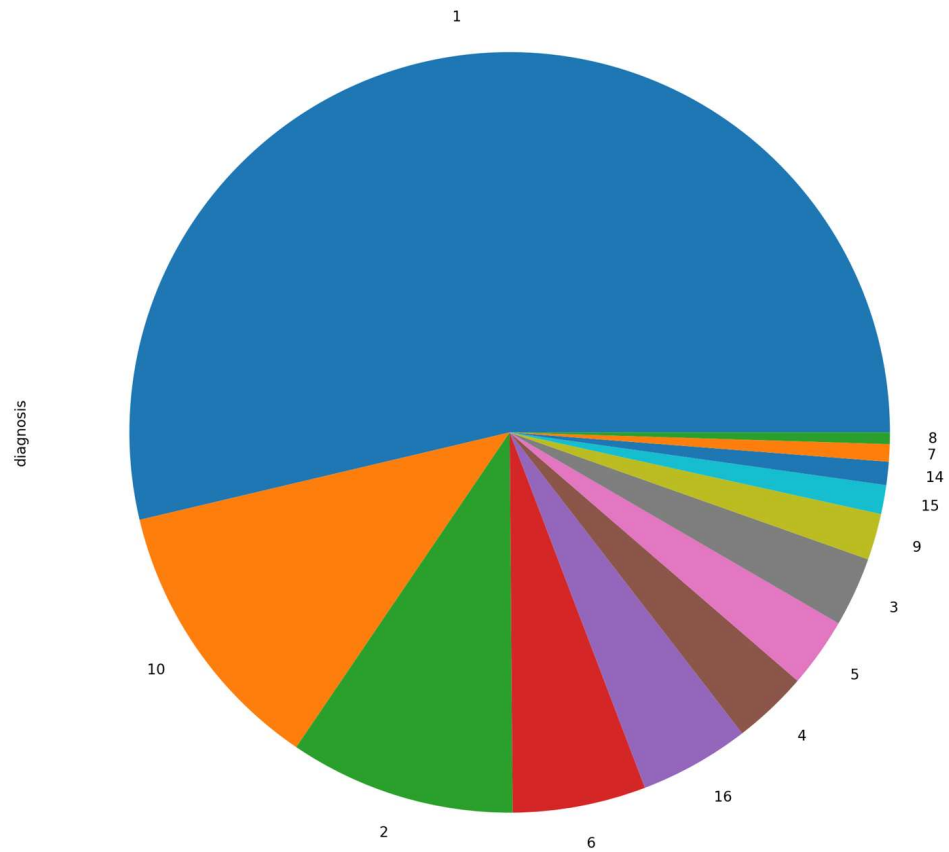
AxesSubplot(0.0312315,0.0582778;0.767015x0.926722)



Pie Plot

Pie Plot for target

AxesSubplot(0.201708,0.0582778;0.617815x0.926722)



Customizable plot

select type of plot

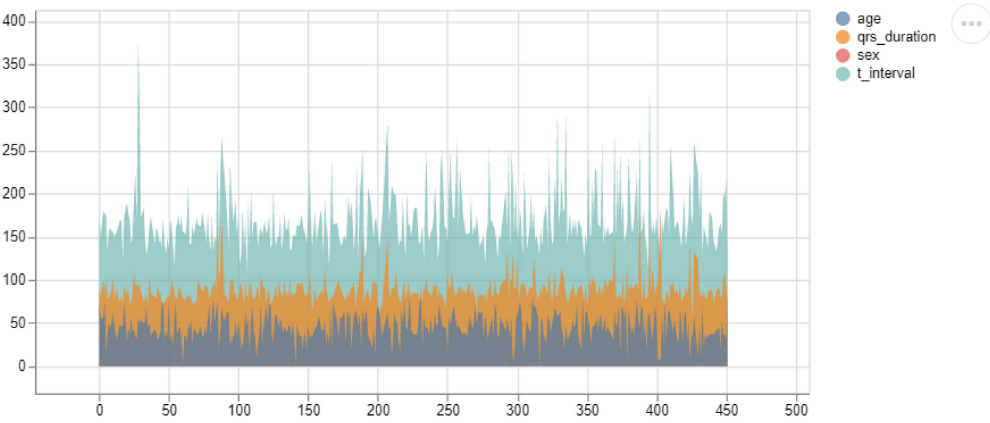
area

select columns

t_interval x qrs_duration x sex x age x

Generate Plot

Generate Customizable Plot of area for ['t_interval', 'qrs_duration', 'sex', 'age']



Model Creation

Model

⌵ {
"n_estimators" : 311

```
{
  "min_samples_split" : 10
  "min_samples_leaf" : 1
  "max_features" : "sqrt"
  "max_depth" : 40
  "bootstrap" : false
}
```

accuracy is 87.55434782608695

Prediction for a single item

	0
0	6

He is Sinus bradycardy

	0
0	56
1	1
2	165
3	64
4	81
5	174
6	401
7	149
8	39
9	25
10	0

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

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