

index	y_test	y_pred	X												
			age	sex	cp	trestbps	chol	fbs	restecg	thalach	exang	oldpeak	slope	ca	thal
104	0	0	57	1	2	128	229	0	0	150	0	0.4	1	1	3
258	1	1	54	0	1	132	288	1	0	159	1	0	2	1	2
97	0	1	67	1	0	120	237	0	1	71	0	1	1	0	2
196	1	0	65	1	0	120	177	0	1	140	0	0.4	2	0	3

```

--- cp <= 0.50
|   |--- ca <= 0.50
|   |   |--- thal <= 2.50
|   |   |   |--- thal <= 1.50
|   |   |   |   |--- age <= 54.50
|   |   |   |   |   |--- class: 0
|   |   |   |   |--- age > 54.50
|   |   |   |   |   |--- class: 1
|   |   |   |--- thal > 1.50
|   |   |   |   |--- thalach <= 145.50
|   |   |   |   |   |--- oldpeak <= 0.05
|   |   |   |   |   |   |--- class: 0
|   |   |   |   |   |--- oldpeak > 0.05
|   |   |   |   |   |   |--- class: 1
|   |   |   |   |--- thalach > 145.50
|   |   |   |   |   |--- class: 1
|   |   |--- thal > 2.50
|   |   |   |--- oldpeak <= 0.10
|   |   |   |--- trestbps <= 147.00
|   |   |   |   |--- class: 1
|   |   |   |--- trestbps > 147.00
|   |   |   |   |--- class: 0
|   |   |--- oldpeak > 0.10
|   |   |   |--- class: 0
|   |--- ca > 0.50
|   |   |--- trestbps <= 109.00
|   |   |   |--- trestbps <= 103.00
|   |   |   |   |--- class: 0
|   |   |   |--- trestbps > 103.00
|   |   |   |   |--- class: 1
|   |   |--- trestbps > 109.00
|   |   |   |--- sex <= 0.50
|   |   |   |   |--- trestbps <= 132.00
|   |   |   |   |   |--- class: 1
|   |   |   |   |--- trestbps > 132.00
|   |   |   |   |   |--- class: 0
|   |   |   |--- sex > 0.50
|   |   |   |   |--- thalach <= 107.00
|   |   |   |   |   |--- age <= 61.50
|   |   |   |   |   |   |--- class: 0
|   |   |   |   |   |--- age > 61.50
|   |   |   |   |   |   |--- class: 0
|   |   |   |   |--- thalach > 107.00
|   |   |   |   |   |--- class: 0

```

```

--- cp > 0.50
|   |--- age <= 56.50
|   |   |--- oldpeak <= 1.95
|   |   |   |--- trestbps <= 160.00
|   |   |   |   |--- class: 1
|   |   |   |--- trestbps > 160.00
|   |   |   |   |--- class: 0
|   |   |--- oldpeak > 1.95
|   |   |   |--- thal <= 2.50
|   |   |   |   |--- class: 1
|   |   |   |--- thal > 2.50
|   |   |   |   |--- class: 0
|   |--- age > 56.50
|   |   |--- sex <= 0.50
|   |   |   |--- cp <= 1.50
|   |   |   |   |--- class: 1
|   |   |   |--- cp > 1.50
|   |   |   |   |--- class: 1
|   |   |--- sex > 0.50
|   |   |   |--- chol <= 249.50
|   |   |   |   |--- ca <= 0.50
|   |   |   |   |   |--- age <= 65.50
|   |   |   |   |   |   |--- class: 1
|   |   |   |   |   |--- age > 65.50
|   |   |   |   |   |   |--- class: 0
|   |   |   |--- ca > 0.50
|   |   |   |   |--- age <= 61.50
|   |   |   |   |   |--- thal <= 2.50
|   |   |   |   |   |   |--- class: 0
|   |   |   |   |--- thal > 2.50
|   |   |   |   |   |--- chol <= 224.50
|   |   |   |   |   |   |--- class: 1
|   |   |   |   |--- chol > 224.50
|   |   |   |   |   |--- class: 0
|   |   |   |   |--- age > 61.50
|   |   |   |   |   |--- class: 1
|   |   |--- chol > 249.50
|   |   |   |--- trestbps <= 169.00
|   |   |   |   |--- age <= 66.50
|   |   |   |   |   |--- class: 0
|   |   |   |   |--- age > 66.50
|   |   |   |   |   |--- class: 0
|   |   |   |--- trestbps > 169.00
|   |   |   |   |--- class: 0

```

