

# Heart Disease Prediction

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age	sex	trestbps	chol	fbs	restecg	thalach	exang	oldpeak	ca	target	cp_0	cp_1	cp_2	cp_3	thal_0
52	1	125	212	0	1	168	0	1	2	0	0	0	0	0	0
51	0	140	308	0	0	142	0	1.5	1	1	0	0	0	0	0
63	0	135	252	0	0	172	0	0	0	1	0	0	0	0	0
42	0	120	209	0	1	173	0	0	0	1	0	0	0	0	0
44	1	130	233	0	1	179	1	0.4	0	1	0	0	0	0	0
56	1	130	256	1	0	142	1	0.6	1	0	0	0	0	0	0
44	1	120	169	0	1	144	1	2.8	0	0	0	0	0	0	0
57	1	130	131	0	1	115	1	1.2	1	0	0	0	0	0	0
59	1	138	271	0	0	182	0	0	0	1	0	0	0	0	0
64	1	128	263	0	1	105	1	0.2	1	1	0	0	0	0	0
56	1	120	193	0	0	162	0	1.9	0	1	0	0	0	0	0
29	1	130	204	0	0	202	0	0	0	1	0	0	0	0	0
29	1	130	204	0	0	202	0	0	0	1	0	0	0	0	0
56	1	125	249	1	0	144	1	1.2	1	0	0	0	0	0	0
48	1	124	255	1	1	175	0	0	2	1	0	0	0	0	0
62	1	128	208	1	0	140	0	0	0	1	0	0	0	0	0
43	0	122	213	0	1	165	0	0.2	0	1	0	0	0	0	0
52	1	118	186	0	0	190	0	0	0	1	0	0	0	0	0
61	0	145	307	0	0	146	1	1	0	0	0	0	0	0	0
51	0	120	295	0	0	157	0	0.6	0	1	0	0	0	0	0
58	1	114	318	0	2	140	0	4.4	3	0	0	0	0	0	0
77	1	125	304	0	0	162	1	0	3	0	0	0	0	0	0
43	1	130	315	0	1	162	0	1.9	1	1	0	0	0	0	0
43	1	150	247	0	1	171	0	1.5	0	1	0	0	0	0	0
56	1	130	283	1	0	103	1	1.6	0	0	0	0	0	0	0
56	1	120	240	0	1	169	0	0	0	1	0	0	0	0	0
56	0	200	288	1	0	133	1	4	2	0	0	0	0	0	0
42	1	130	180	0	1	150	0	0	0	1	0	0	0	0	0
40	1	110	167	0	0	114	1	2	0	0	0	0	0	0	0
56	1	125	249	1	0	144	1	1.2	1	0	0	0	0	0	0
67	1	160	286	0	0	108	1	1.5	3	0	0	0	0	0	0
58	1	100	234	0	1	156	0	0.1	1	0	0	0	0	0	0
62	0	124	209	0	1	163	0	0	0	1	0	0	0	0	0
41	1	112	250	0	1	179	0	0	0	1	0	0	0	0	0
67	1	100	299	0	0	125	1	0.9	2	0	0	0	0	0	0

---- End of Report ----

## Heart Disease Prediction

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thal_1	thal_2	thal_3	slope_0	slope_1	slope_2	From: target	Into: target	Predicted Probability: target=0	Predicted Probability: target=1
0	0	0	0	0	0	0	0	0.7917104	0.2082896
0	0	0	0	0	0	1	0	0.7164876	0.2835124
0	0	0	0	0	0	1	1	0.0176017	0.9823983
0	0	0	0	0	0	1	1	0.0114455	0.9885545
0	0	0	0	0	0	1	1	0.3546313	0.6453687
0	0	0	0	0	0	0	0	0.9022912	0.0977088
0	0	0	0	0	0	0	0	0.755317	0.244683
0	0	0	0	0	0	0	0	0.9388123	0.0611877
0	0	0	0	0	0	1	1	0.1303721	0.8696279
0	0	0	0	0	0	1	0	0.9718411	0.0281589
0	0	0	0	0	0	1	1	0.220249	0.779751
0	0	0	0	0	0	1	1	0.0801011	0.9198989
0	0	0	0	0	0	1	1	0.0801011	0.9198989
0	0	0	0	0	0	0	0	0.9050626	0.0949374
0	0	0	0	0	0	1	0	0.5876157	0.4123843
0	0	0	0	0	0	1	1	0.1213845	0.8786155
0	0	0	0	0	0	1	1	0.018235	0.981765
0	0	0	0	0	0	1	1	0.0346974	0.9653026
0	0	0	0	0	0	0	1	0.4342138	0.5657862
0	0	0	0	0	0	1	1	0.0631646	0.9368354
0	0	0	0	0	0	0	0	0.9915358	0.0084642
0	0	0	0	0	0	0	0	0.8637341	0.1362659
0	0	0	0	0	0	1	0	0.9011189	0.0988811
0	0	0	0	0	0	1	1	0.4200222	0.5799778
0	0	0	0	0	0	0	0	0.9329347	0.0670653
0	0	0	0	0	0	1	1	0.0816849	0.9183151
0	0	0	0	0	0	0	0	0.9970458	0.0029542
0	0	0	0	0	0	1	1	0.1873299	0.8126701
0	0	0	0	0	0	0	0	0.8853563	0.1146437
0	0	0	0	0	0	0	0	0.9050626	0.0949374
0	0	0	0	0	0	0	0	0.9972688	0.0027312
0	0	0	0	0	0	0	1	0.338057	0.661943
0	0	0	0	0	0	1	1	0.0091018	0.9908982
0	0	0	0	0	0	1	1	0.0841477	0.9158523
0	0	0	0	0	0	0	0	0.985312	0.014688

---- End of Report ----

# Heart Disease Prediction

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age	sex	trestbps	chol	fb	restecg	thalach	exang	oldpeak	ca	target	cp_0	cp_1	cp_2	cp_3	thal_0
57	0	130	236	0	0	174	0	0	1	0	0	0	0	0	0
51	1	140	261	0	0	186	1	0	0	1	0	0	0	0	0
54	1	150	232	0	0	165	0	1.6	0	1	0	0	0	0	0
62	0	150	244	0	1	154	1	1.4	0	0	0	0	0	0	0
54	1	192	283	0	0	195	0	0	1	0	0	0	0	0	0
46	1	140	311	0	1	120	1	1.8	2	0	0	0	0	0	0
39	0	138	220	0	1	152	0	0	0	1	0	0	0	0	0
45	0	112	160	0	1	138	0	0	0	1	0	0	0	0	0
35	1	120	198	0	1	130	1	1.6	0	0	0	0	0	0	0
64	0	180	325	0	1	154	1	0	0	1	0	0	0	0	0
66	1	120	302	0	0	151	0	0.4	0	1	0	0	0	0	0
44	1	120	226	0	1	169	0	0	0	1	0	0	0	0	0
55	0	132	342	0	1	166	0	1.2	0	1	0	0	0	0	0
43	1	110	211	0	1	161	0	0	0	1	0	0	0	0	0
66	1	160	228	0	0	138	0	2.3	0	1	0	0	0	0	0
45	0	130	234	0	0	175	0	0.6	0	1	0	0	0	0	0
35	1	122	192	0	1	174	0	0	0	1	0	0	0	0	0
71	0	110	265	1	0	130	0	0	1	1	0	0	0	0	0
64	0	140	313	0	1	133	0	0.2	0	1	0	0	0	0	0
59	1	150	212	1	1	157	0	1.6	0	1	0	0	0	0	0
52	1	120	325	0	1	172	0	0.2	0	1	0	0	0	0	0
55	0	132	342	0	1	166	0	1.2	0	1	0	0	0	0	0
56	0	140	294	0	0	153	0	1.3	0	1	0	0	0	0	0
61	1	120	260	0	1	140	1	3.6	1	0	0	0	0	0	0
70	1	160	269	0	1	112	1	2.9	1	0	0	0	0	0	0
74	0	120	269	0	0	121	1	0.2	1	1	0	0	0	0	0
64	0	140	313	0	1	133	0	0.2	0	1	0	0	0	0	0
53	0	130	264	0	0	143	0	0.4	0	1	0	0	0	0	0
56	0	140	294	0	0	153	0	1.3	0	1	0	0	0	0	0
63	0	108	269	0	1	169	1	1.8	2	0	0	0	0	0	0
37	1	130	250	0	1	187	0	3.5	0	1	0	0	0	0	0
60	1	130	206	0	0	132	1	2.4	2	0	0	0	0	0	0
54	1	125	273	0	0	152	0	0.5	1	1	0	0	0	0	0
65	0	155	269	0	1	148	0	0.8	0	1	0	0	0	0	0
46	0	138	243	0	0	152	1	0	0	1	0	0	0	0	0

---- End of Report ----

# Heart Disease Prediction

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thal_1	thal_2	thal_3	slope_0	slope_1	slope_2	From: target	Into: target	Predicted Probability: target=0	Predicted Probability: target=1
0	0	0	0	0	0	0	1	0.0919763	0.9080237
0	0	0	0	0	0	1	1	0.3881954	0.6118046
0	0	0	0	0	0	1	1	0.4376741	0.5623259
0	0	0	0	0	0	0	1	0.2324155	0.7675845
0	0	0	0	0	0	0	0	0.7851301	0.2148699
0	0	0	0	0	0	0	0	0.9985649	0.0014351
0	0	0	0	0	0	1	1	0.0508364	0.9491636
0	0	0	0	0	0	1	1	0.0196796	0.9803204
0	0	0	0	0	0	0	0	0.8377769	0.1622231
0	0	0	0	0	0	1	1	0.4038653	0.5961347
0	0	0	0	0	0	1	1	0.278462	0.721538
0	0	0	0	0	0	1	1	0.1076055	0.8923945
0	0	0	0	0	0	1	1	0.0816161	0.9183839
0	0	0	0	0	0	1	1	0.1003197	0.8996803
0	0	0	0	0	0	1	0	0.7244199	0.2755801
0	0	0	0	0	0	1	1	0.0299802	0.9700198
0	0	0	0	0	0	1	1	0.0954063	0.9045937
0	0	0	0	0	0	1	1	0.1094874	0.8905126
0	0	0	0	0	0	1	1	0.1136693	0.8863307
0	0	0	0	0	0	1	1	0.2041622	0.7958378
0	0	0	0	0	0	1	1	0.1868276	0.8131724
0	0	0	0	0	0	1	1	0.0816161	0.9183839
0	0	0	0	0	0	1	1	0.1413574	0.8586426
0	0	0	0	0	0	0	0	0.9789083	0.0210917
0	0	0	0	0	0	0	0	0.9956384	0.0043616
0	0	0	0	0	0	1	0	0.6511747	0.3488253
0	0	0	0	0	0	1	1	0.1136693	0.8863307
0	0	0	0	0	0	1	1	0.0870579	0.9129421
0	0	0	0	0	0	1	1	0.1413574	0.8586426
0	0	0	0	0	0	0	0	0.6527825	0.3472175
0	0	0	0	0	0	1	1	0.4502098	0.5497902
0	0	0	0	0	0	0	0	0.9928509	0.0071491
0	0	0	0	0	0	1	0	0.7767428	0.2232572
0	0	0	0	0	0	1	1	0.0867412	0.9132588
0	0	0	0	0	0	1	1	0.2166923	0.7833077

---- End of Report ----

# Heart Disease Prediction

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age	sex	trestbps	chol	fb	restecg	thalach	exang	oldpeak	ca	target	cp_0	cp_1	cp_2	cp_3	thal_0
53	0	128	216	0	0	115	0	0	0	1	0	0	0	0	0
53	1	130	246	1	0	173	0	0	3	1	0	0	0	0	0
43	0	132	341	1	0	136	1	3	0	0	0	0	0	0	0
66	1	160	228	0	0	138	0	2.3	0	1	0	0	0	0	0
67	1	120	237	0	1	71	0	1	0	0	0	0	0	0	0
58	1	146	218	0	1	105	0	2	1	0	0	0	0	0	0
58	1	132	224	0	0	173	0	3.2	2	0	0	0	0	0	0
59	1	110	239	0	0	142	1	1.2	1	0	0	0	0	0	0
58	1	150	270	0	0	111	1	0.8	0	0	0	0	0	0	0
58	1	100	234	0	1	156	0	0.1	1	0	0	0	0	0	0
57	1	150	276	0	0	112	1	0.6	1	0	0	0	0	0	0
70	1	130	322	0	0	109	0	2.4	3	0	0	0	0	0	0
41	0	130	204	0	0	172	0	1.4	0	1	0	0	0	0	0
60	0	102	318	0	1	160	0	0	1	1	0	0	0	0	0
41	0	112	268	0	0	172	1	0	0	1	0	0	0	0	0
67	1	120	229	0	0	129	1	2.6	2	0	0	0	0	0	0
60	1	140	293	0	0	170	0	1.2	2	0	0	0	0	0	0
57	1	150	168	0	1	174	0	1.6	0	1	0	0	0	0	0
53	1	130	246	1	0	173	0	0	3	1	0	0	0	0	0
51	0	120	295	0	0	157	0	0.6	0	1	0	0	0	0	0
49	0	134	271	0	1	162	0	0	0	1	0	0	0	0	0
49	0	134	271	0	1	162	0	0	0	1	0	0	0	0	0
48	1	124	255	1	1	175	0	0	2	1	0	0	0	0	0
43	1	110	211	0	1	161	0	0	0	1	0	0	0	0	0
67	0	115	564	0	0	160	0	1.6	0	1	0	0	0	0	0
38	1	138	175	0	1	173	0	0	4	1	0	0	0	0	0
60	0	150	240	0	1	171	0	0.9	0	1	0	0	0	0	0
51	0	130	305	0	1	142	1	1.2	0	0	0	0	0	0	0
41	1	110	172	0	0	158	0	0	0	0	0	0	0	0	0
51	1	125	245	1	0	166	0	2.4	0	1	0	0	0	0	0
57	1	154	232	0	0	164	0	0	1	0	0	0	0	0	0
61	1	120	260	0	1	140	1	3.6	1	0	0	0	0	0	0
44	1	112	290	0	0	153	0	0	1	0	0	0	0	0	0
41	0	105	198	0	1	168	0	0	1	1	0	0	0	0	0
61	1	148	203	0	1	161	0	0	1	0	0	0	0	0	0

---- End of Report ----

## Heart Disease Prediction

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thal_1	thal_2	thal_3	slope_0	slope_1	slope_2	From: target	Into: target	Predicted Probability: target=0	Predicted Probability: target=1
0	0	0	0	0	0	1	1	0.1198454	0.8801546
0	0	0	0	0	0	1	1	0.456491	0.543509
0	0	0	0	0	0	0	0	0.7468709	0.2531291
0	0	0	0	0	0	1	0	0.7244199	0.2755801
0	0	0	0	0	0	0	0	0.8124892	0.1875108
0	0	0	0	0	0	0	0	0.9689057	0.0310943
0	0	0	0	0	0	0	0	0.9385904	0.0614096
0	0	0	0	0	0	0	0	0.9182434	0.0817566
0	0	0	0	0	0	0	0	0.9515581	0.0484419
0	0	0	0	0	0	0	1	0.338057	0.661943
0	0	0	0	0	0	0	0	0.9919291	0.0080709
0	0	0	0	0	0	0	0	0.9876869	0.0123131
0	0	0	0	0	0	1	1	0.0439437	0.9560563
0	0	0	0	0	0	1	1	0.1005249	0.8994751
0	0	0	0	0	0	1	1	0.0858128	0.9141872
0	0	0	0	0	0	0	0	0.9921472	0.0078528
0	0	0	0	0	0	0	0	0.9308447	0.0691553
0	0	0	0	0	0	1	1	0.1606876	0.8393124
0	0	0	0	0	0	1	1	0.456491	0.543509
0	0	0	0	0	0	1	1	0.0631646	0.9368354
0	0	0	0	0	0	1	1	0.0354699	0.9645301
0	0	0	0	0	0	1	1	0.0354699	0.9645301
0	0	0	0	0	0	1	0	0.5876157	0.4123843
0	0	0	0	0	0	1	1	0.1003197	0.8996803
0	0	0	0	0	0	1	1	0.3927266	0.6072734
0	0	0	0	0	0	1	1	0.0815355	0.9184645
0	0	0	0	0	0	1	1	0.0314993	0.9685007
0	0	0	0	0	0	0	1	0.3984572	0.6015428
0	0	0	0	0	0	0	1	0.1145317	0.8854683
0	0	0	0	0	0	1	1	0.2597271	0.7402729
0	0	0	0	0	0	0	0	0.6965238	0.3034762
0	0	0	0	0	0	0	0	0.9789083	0.0210917
0	0	0	0	0	0	0	0	0.7516813	0.2483187
0	0	0	0	0	0	1	1	0.0536052	0.9463948
0	0	0	0	0	0	0	0	0.5055805	0.4944195

---- End of Report ----

# Heart Disease Prediction

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age	sex	trestbps	chol	fb	restecg	thalach	exang	oldpeak	ca	target	cp_0	cp_1	cp_2	cp_3	thal_0
58	1	112	230	0	0	165	0	2.5	1	0	0	0	0	0	0
62	0	160	164	0	0	145	0	6.2	3	0	0	0	0	0	0
59	1	178	270	0	0	145	0	4.2	0	1	0	0	0	0	0
54	0	108	267	0	0	167	0	0	0	1	0	0	0	0	0
50	0	120	219	0	1	158	0	1.6	0	1	0	0	0	0	0
44	1	140	235	0	0	180	0	0	0	1	0	0	0	0	0
62	0	140	394	0	0	157	0	1.2	0	1	0	0	0	0	0
54	1	125	273	0	0	152	0	0.5	1	1	0	0	0	0	0
53	1	130	197	1	0	152	0	1.2	0	1	0	0	0	0	0
67	1	125	254	1	1	163	0	0.2	2	0	0	0	0	0	0
41	1	130	214	0	0	168	0	2	0	1	0	0	0	0	0
59	1	164	176	1	0	90	0	1	2	0	0	0	0	0	0
63	0	108	269	0	1	169	1	1.8	2	0	0	0	0	0	0
64	1	145	212	0	0	132	0	2	2	0	0	0	0	0	0
58	1	120	284	0	0	160	0	1.8	0	0	0	0	0	0	0
47	1	130	253	0	1	179	0	0	0	1	0	0	0	0	0
71	0	110	265	1	0	130	0	0	1	1	0	0	0	0	0
42	1	136	315	0	1	125	1	1.8	0	0	0	0	0	0	0
41	0	126	306	0	1	163	0	0	0	1	0	0	0	0	0
65	1	110	248	0	0	158	0	0.6	2	0	0	0	0	0	0
59	1	178	270	0	0	145	0	4.2	0	1	0	0	0	0	0
53	0	130	264	0	0	143	0	0.4	0	1	0	0	0	0	0
64	1	128	263	0	1	105	1	0.2	1	1	0	0	0	0	0
71	0	112	149	0	1	125	0	1.6	0	1	0	0	0	0	0
45	0	130	234	0	0	175	0	0.6	0	1	0	0	0	0	0
66	0	150	226	0	1	114	0	2.6	0	1	0	0	0	0	0
56	1	130	283	1	0	103	1	1.6	0	0	0	0	0	0	0
59	1	138	271	0	0	182	0	0	0	1	0	0	0	0	0
65	0	140	417	1	0	157	0	0.8	1	1	0	0	0	0	0
61	0	130	330	0	0	169	0	0	0	0	0	0	0	0	0
68	1	118	277	0	1	151	0	1	1	1	0	0	0	0	0
43	1	120	177	0	0	120	1	2.5	0	0	0	0	0	0	0
63	0	150	407	0	0	154	0	4	3	0	0	0	0	0	0
52	1	128	204	1	1	156	1	1	0	0	0	0	0	0	0
55	0	135	250	0	0	161	0	1.4	0	1	0	0	0	0	0

---- End of Report ----

# Heart Disease Prediction

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thal_1	thal_2	thal_3	slope_0	slope_1	slope_2	From: target	Into: target	Predicted Probability: target=0	Predicted Probability: target=1
0	0	0	0	0	0	0	0	0.7061296	0.2938704
0	0	0	0	0	0	0	0	0.9255099	0.0744901
0	0	0	0	0	0	1	0	0.9458483	0.0541517
0	0	0	0	0	0	1	1	0.0160807	0.9839193
0	0	0	0	0	0	1	1	0.0380018	0.9619982
0	0	0	0	0	0	1	1	0.1735069	0.8264931
0	0	0	0	0	0	1	1	0.2186333	0.7813667
0	0	0	0	0	0	1	0	0.7767428	0.2232572
0	0	0	0	0	0	1	1	0.1778452	0.8221548
0	0	0	0	0	0	0	0	0.561736	0.438264
0	0	0	0	0	0	1	1	0.397898	0.602102
0	0	0	0	0	0	0	0	0.9886248	0.0113752
0	0	0	0	0	0	0	0	0.6527825	0.3472175
0	0	0	0	0	0	0	0	0.9761055	0.0238945
0	0	0	0	0	0	0	1	0.3912932	0.6087068
0	0	0	0	0	0	1	1	0.111776	0.888224
0	0	0	0	0	0	1	1	0.1094874	0.8905126
0	0	0	0	0	0	0	0	0.9627938	0.0372062
0	0	0	0	0	0	1	1	0.0502593	0.9497407
0	0	0	0	0	0	0	0	0.7845719	0.2154281
0	0	0	0	0	0	1	0	0.9458483	0.0541517
0	0	0	0	0	0	1	1	0.0870579	0.9129421
0	0	0	0	0	0	1	0	0.9718411	0.0281589
0	0	0	0	0	0	1	1	0.0261705	0.9738295
0	0	0	0	0	0	1	1	0.0299802	0.9700198
0	0	0	0	0	0	1	1	0.3365839	0.6634161
0	0	0	0	0	0	0	0	0.9329347	0.0670653
0	0	0	0	0	0	1	1	0.1303721	0.8696279
0	0	0	0	0	0	1	1	0.4494644	0.5505356
0	0	0	0	0	0	0	1	0.0381674	0.9618326
0	0	0	0	0	0	1	0	0.63349	0.36651
0	0	0	0	0	0	0	0	0.9123385	0.0876615
0	0	0	0	0	0	0	0	0.9534585	0.0465415
0	0	0	0	0	0	0	1	0.3248758	0.6751242
0	0	0	0	0	0	1	1	0.0700832	0.9299168

---- End of Report ----



# Heart Disease Prediction

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age	sex	trestbps	chol	fb	restecg	thalach	exang	oldpeak	ca	target	cp_0	cp_1	cp_2	cp_3	thal_0
63	0	140	195	0	1	179	0	0	2	1	0	0	0	0	0
35	1	126	282	0	0	156	1	0	0	0	0	0	0	0	0
71	0	160	302	0	1	162	0	0.4	2	1	0	0	0	0	0
58	1	128	216	0	0	131	1	2.2	3	0	0	0	0	0	0
56	1	130	221	0	0	163	0	0	0	1	0	0	0	0	0
66	0	150	226	0	1	114	0	2.6	0	1	0	0	0	0	0
70	1	156	245	0	0	143	0	0	0	1	0	0	0	0	0
50	1	129	196	0	1	163	0	0	0	1	0	0	0	0	0
59	1	110	239	0	0	142	1	1.2	1	0	0	0	0	0	0
52	1	128	255	0	1	161	1	0	1	0	0	0	0	0	0
44	1	140	235	0	0	180	0	0	0	1	0	0	0	0	0
60	1	117	230	1	1	160	1	1.4	2	0	0	0	0	0	0
64	1	120	246	0	0	96	1	2.2	1	0	0	0	0	0	0
46	0	105	204	0	1	172	0	0	0	1	0	0	0	0	0
63	1	140	187	0	0	144	1	4	2	0	0	0	0	0	0
57	1	110	335	0	1	143	1	3	1	0	0	0	0	0	0
45	0	138	236	0	0	152	1	0.2	0	1	0	0	0	0	0
44	1	120	169	0	1	144	1	2.8	0	0	0	0	0	0	0
60	0	120	178	1	1	96	0	0	0	1	0	0	0	0	0
67	1	120	229	0	0	129	1	2.6	2	0	0	0	0	0	0
62	1	128	208	1	0	140	0	0	0	1	0	0	0	0	0
70	1	156	245	0	0	143	0	0	0	1	0	0	0	0	0
42	1	148	244	0	0	178	0	0.8	2	1	0	0	0	0	0
54	1	140	239	0	1	160	0	1.2	0	1	0	0	0	0	0
57	1	128	229	0	0	150	0	0.4	1	0	0	0	0	0	0
68	1	118	277	0	1	151	0	1	1	1	0	0	0	0	0
51	1	140	261	0	0	186	1	0	0	1	0	0	0	0	0
56	1	132	184	0	0	105	1	2.1	1	0	0	0	0	0	0
52	1	128	255	0	1	161	1	0	1	0	0	0	0	0	0
43	1	115	303	0	1	181	0	1.2	0	1	0	0	0	0	0
68	0	120	211	0	0	115	0	1.5	0	1	0	0	0	0	0
52	1	125	212	0	1	168	0	1	2	0	0	0	0	0	0
60	1	130	206	0	0	132	1	2.4	2	0	0	0	0	0	0
61	1	140	207	0	0	138	1	1.9	1	0	0	0	0	0	0
60	0	150	258	0	0	157	0	2.6	2	0	0	0	0	0	0

---- End of Report ----

thal_1	thal_2	thal_3	slope_0	slope_1	slope_2	From: target	Into: target	Predicted Probability: target=0	Predicted Probability: target=1
0	0	0	0	0	0	1	1	0.1347181	0.8652819
0	0	0	0	0	0	0	0	0.7497848	0.2502152
0	0	0	0	0	0	1	0	0.5747224	0.4252776
0	0	0	0	0	0	0	0	0.9843467	0.0156533
0	0	0	0	0	0	1	1	0.1472422	0.8527578
0	0	0	0	0	0	1	1	0.3365839	0.6634161
0	0	0	0	0	0	1	1	0.3692708	0.6307292
0	0	0	0	0	0	1	1	0.1055376	0.8944624
0	0	0	0	0	0	0	0	0.9182434	0.0817566
0	0	0	0	0	0	0	0	0.8364954	0.1635046
0	0	0	0	0	0	1	1	0.1735069	0.8264931
0	0	0	0	0	0	0	0	0.895054	0.104946
0	0	0	0	0	0	0	0	0.992531	0.007469
0	0	0	0	0	0	1	1	0.0064661	0.9935339
0	0	0	0	0	0	0	0	0.9950459	0.0049541
0	0	0	0	0	0	0	0	0.9818072	0.0181928
0	0	0	0	0	0	1	1	0.2296935	0.7703065
0	0	0	0	0	0	0	0	0.755317	0.244683
0	0	0	0	0	0	1	1	0.0411633	0.9588367
0	0	0	0	0	0	0	0	0.9921472	0.0078528
0	0	0	0	0	0	1	1	0.1213845	0.8786155
0	0	0	0	0	0	1	1	0.3692708	0.6307292
0	0	0	0	0	0	1	0	0.9236026	0.0763974
0	0	0	0	0	0	1	1	0.3069624	0.6930376
0	0	0	0	0	0	0	0	0.6952854	0.3047146
0	0	0	0	0	0	1	0	0.63349	0.36651
0	0	0	0	0	0	1	1	0.3881954	0.6118046
0	0	0	0	0	0	0	0	0.9892738	0.0107262
0	0	0	0	0	0	0	0	0.8364954	0.1635046
0	0	0	0	0	0	1	1	0.2119021	0.7880979
0	0	0	0	0	0	1	1	0.1168218	0.8831782
0	0	0	0	0	0	0	0	0.7917104	0.2082896
0	0	0	0	0	0	0	0	0.9928509	0.0071491
0	0	0	0	0	0	0	0	0.9678559	0.0321441
0	0	0	0	0	0	0	0	0.8438748	0.1561252

---- End of Report ----

age	sex	trestbps	chol	fbs	restecg	thalach	exang	oldpeak	ca	target	cp_0	cp_1	cp_2	cp_3	thal_0
64	0	180	325	0	1	154	1	0	0	1	0	0	0	0	0
54	1	110	239	0	1	126	1	2.8	1	0	0	0	0	0	0
52	1	128	204	1	1	156	1	1	0	0	0	0	0	0	0
42	0	102	265	0	0	122	0	0.6	0	1	0	0	0	0	0
59	1	135	234	0	1	161	0	0.5	0	1	0	0	0	0	0
59	1	126	218	1	1	134	0	2.2	1	0	0	0	0	0	0
55	1	130	262	0	1	155	0	0	0	1	0	0	0	0	0
50	0	120	244	0	1	162	0	1.1	0	1	0	0	0	0	0
45	1	104	208	0	0	148	1	3	0	1	0	0	0	0	0
59	1	134	204	0	1	162	0	0.8	2	0	0	0	0	0	0
38	1	120	231	0	1	182	1	3.8	0	0	0	0	0	0	0
57	1	130	131	0	1	115	1	1.2	1	0	0	0	0	0	0
65	1	135	254	0	0	127	0	2.8	1	0	0	0	0	0	0
42	1	130	180	0	1	150	0	0	0	1	0	0	0	0	0
43	1	130	315	0	1	162	0	1.9	1	1	0	0	0	0	0
64	1	140	335	0	1	158	0	0	0	0	0	0	0	0	0
49	0	134	271	0	1	162	0	0	0	1	0	0	0	0	0
56	1	120	193	0	0	162	0	1.9	0	1	0	0	0	0	0
65	0	140	417	1	0	157	0	0.8	1	1	0	0	0	0	0
52	1	108	233	1	1	147	0	0.1	3	1	0	0	0	0	0
60	0	120	178	1	1	96	0	0	0	1	0	0	0	0	0
52	1	128	205	1	1	184	0	0	0	1	0	0	0	0	0
56	0	134	409	0	0	150	1	1.9	2	0	0	0	0	0	0
58	1	140	211	1	0	165	0	0	0	1	0	0	0	0	0
42	1	120	295	0	1	162	0	0	0	1	0	0	0	0	0
45	1	128	308	0	0	170	0	0	0	1	0	0	0	0	0
58	1	114	318	0	2	140	0	4.4	3	0	0	0	0	0	0
44	0	108	141	0	1	175	0	0.6	0	1	0	0	0	0	0
65	1	138	282	1	0	174	0	1.4	1	0	0	0	0	0	0
47	1	112	204	0	1	143	0	0.1	0	1	0	0	0	0	0

thal_1	thal_2	thal_3	slope_0	slope_1	slope_2	From: target	Into: target	Predicted Probability: target=0	Predicted Probability: target=1
0	0	0	0	0	0	1	1	0.4038653	0.5961347
0	0	0	0	0	0	0	0	0.9765944	0.0234056
0	0	0	0	0	0	0	1	0.3248758	0.6751242
0	0	0	0	0	0	1	1	0.14101	0.85899
0	0	0	0	0	0	1	1	0.1689814	0.8310186
0	0	0	0	0	0	0	0	0.7527223	0.2472777
0	0	0	0	0	0	1	1	0.205735	0.794265
0	0	0	0	0	0	1	1	0.0319694	0.9680306
0	0	0	0	0	0	1	0	0.7855665	0.2144335
0	0	0	0	0	0	0	0	0.7993245	0.2006755
0	0	0	0	0	0	0	0	0.7306092	0.2693908
0	0	0	0	0	0	0	0	0.9388123	0.0611877
0	0	0	0	0	0	0	0	0.9578441	0.0421559
0	0	0	0	0	0	1	1	0.1873299	0.8126701
0	0	0	0	0	0	1	0	0.9011189	0.0988811
0	0	0	0	0	0	0	1	0.3065275	0.6934725
0	0	0	0	0	0	1	1	0.0354699	0.9645301
0	0	0	0	0	0	1	1	0.220249	0.779751
0	0	0	0	0	0	1	1	0.4494644	0.5505356
0	0	0	0	0	0	1	1	0.4615451	0.5384549
0	0	0	0	0	0	1	1	0.0411633	0.9588367
0	0	0	0	0	0	1	1	0.0246823	0.9753177
0	0	0	0	0	0	0	0	0.9833057	0.0166943
0	0	0	0	0	0	1	1	0.0805755	0.9194245
0	0	0	0	0	0	1	1	0.2475911	0.7524089
0	0	0	0	0	0	1	1	0.2996519	0.7003481
0	0	0	0	0	0	0	0	0.9915358	0.0084642
0	0	0	0	0	0	1	1	0.005067	0.994933
0	0	0	0	0	0	0	0	0.5516423	0.4483577
0	0	0	0	0	0	1	1	0.1677088	0.8322912

The FREQ Procedure

Frequency  
Percent  
Row Pct  
Col Pct

Table of F_target by I_target			
F_target(From: target)	I_target(Into: target)		
	0	1	Total
0	71	12	83
	34.63	5.85	40.49
	85.54	14.46	
	78.89	10.43	
1	19	103	122
	9.27	50.24	59.51
	15.57	84.43	
	21.11	89.57	
Total	90	115	205
	43.90	56.10	100.00

**The SURVEYSELECT Procedure**

<b>Selection Method</b>	Simple Random Sampling
<b>Input Data Set</b>	IMPORT
<b>Random Number Seed</b>	153961300
<b>Sampling Rate</b>	0.8
<b>Sample Size</b>	820
<b>Selection Probability</b>	0.8
<b>Sampling Weight</b>	0
<b>Output Data Set</b>	IMPORT_SELECT

### The LOGISTIC Procedure

Model Information	
Data Set	WORK.IMPORT_TRAIN
Response Variable	target
Number of Response Levels	2
Model	binary logit
Optimization Technique	Fisher's scoring

Number of Observations Read	820
Number of Observations Used	820

Response Profile		
Ordered Value	target	Total Frequency
1	0	400
2	1	420

Probability modeled is target='0'.

Class Level Information						
Class	Value	Design Variables				
sex	0	1				
	1	-1				
cp_0	0					
cp_1	0					
cp_2	0					
cp_3	0					
fbs	0	1				
	1	-1				
restecg	0	1	0			
	1	0	1			
	2	-1	-1			
exang	0	1				
	1	-1				
ca	0	1	0	0	0	
	1	0	1	0	0	
	2	0	0	1	0	
	3	0	0	0	1	
	4	-1	-1	-1	-1	
thal_0	0					

### The LOGISTIC Procedure

Class Level Information					
Class	Value	Design Variables			
thal_1	0				
thal_2	0				
thal_3	0				
slope_0	0				
slope_1	0				
slope_2	0				

Model Convergence Status
Convergence criterion (GCONV=1E-8) satisfied.

Model Fit Statistics		
Criterion	Intercept Only	Intercept and Covariates
AIC	1138.274	632.099
SC	1142.983	702.738
-2 Log L	1136.274	602.099

Testing Global Null Hypothesis: BETA=0			
Test	Chi-Square	DF	Pr > ChiSq
Likelihood Ratio	534.1746	14	<.0001
Score	413.9134	14	<.0001
Wald	228.4149	14	<.0001

Type 3 Analysis of Effects			
Effect	DF	Wald Chi-Square	Pr > ChiSq
age	1	4.0461	0.0443
sex	1	46.3642	<.0001
cp_0	0	.	.
cp_1	0	.	.
cp_2	0	.	.
cp_3	0	.	.
trestbps	1	10.8554	0.0010
chol	1	9.0730	0.0026
fbs	1	2.1111	0.1462



## The LOGISTIC Procedure

Type 3 Analysis of Effects			
Effect	DF	Wald Chi-Square	Pr > ChiSq
restecg	2	3.7416	0.1540
thalach	1	36.3165	<.0001
exang	1	51.1337	<.0001
oldpeak	1	18.8676	<.0001
slope_0	0	.	.
slope_1	0	.	.
slope_2	0	.	.
ca	4	90.7716	<.0001
thal_0	0	.	.
thal_1	0	.	.
thal_2	0	.	.
thal_3	0	.	.

Analysis of Maximum Likelihood Estimates						
Parameter		DF	Estimate	Standard Error	Wald Chi-Square	Pr > ChiSq
Intercept		1	2.5141	1.4754	2.9037	0.0884
age		1	-0.0287	0.0142	4.0461	0.0443
sex	0	1	-0.9007	0.1323	46.3642	<.0001
trestbps		1	0.0209	0.00635	10.8554	0.0010
chol		1	0.00679	0.00225	9.0730	0.0026
fbs	0	1	0.2100	0.1445	2.1111	0.1462
restecg	0	1	0.00501	0.3799	0.0002	0.9895
restecg	1	1	-0.3959	0.3792	1.0899	0.2965
thalach		1	-0.0365	0.00605	36.3165	<.0001
exang	0	1	-0.8245	0.1153	51.1337	<.0001
oldpeak		1	0.4504	0.1037	18.8676	<.0001
ca	0	1	-1.3223	0.2261	34.1914	<.0001
ca	1	1	0.4370	0.2574	2.8813	0.0896
ca	2	1	1.6954	0.3342	25.7372	<.0001
ca	3	1	0.9127	0.4050	5.0782	0.0242

### The LOGISTIC Procedure

Odds Ratio Estimates			
Effect	Point Estimate	95% Wald Confidence Limits	
age	0.972	0.945	0.999
sex 0 vs 1	0.165	0.098	0.277
trestbps	1.021	1.009	1.034
chol	1.007	1.002	1.011
fbs 0 vs 1	1.522	0.864	2.682
restecg 0 vs 2	0.680	0.079	5.841
restecg 1 vs 2	0.455	0.053	3.906
thalach	0.964	0.953	0.976
exang 0 vs 1	0.192	0.122	0.302
oldpeak	1.569	1.280	1.923
ca 0 vs 4	1.493	0.335	6.658
ca 1 vs 4	8.669	1.846	40.715
ca 2 vs 4	30.512	5.811	160.199
ca 3 vs 4	13.950	2.440	79.748

Association of Predicted Probabilities and Observed Responses			
Percent Concordant	91.7	Somers' D	0.834
Percent Discordant	8.3	Gamma	0.834
Percent Tied	0.0	Tau-a	0.417
Pairs	168000	c	0.917

[illegible]

[illegible]

[illegible]









[illegible]

[illegible]





age	sex	trestbps	chol	fb	restecg	thalach	exang	oldpeak	ca	target	cp_0	cp_1	cp_2	cp_3	thal_0	thal_1	thal_2
thal_3		slope_0	slope_1	slope_2	Response Value		Estimated Probability										
46	1	140	311	0	1	120	1	1.8	2	0	0	0	0	0	0	0	0
0		0	0	0	0		0.997277										
54	1	122	286	0	0	116	1	3.2	2	0	0	0	0	0	0	0	0
0		0	0	0	0		0.998176										
57	0	130	236	0	0	174	0	0	1	0	0	0	0	0	0	0	0
0		0	0	0	0		0.098035										
63	1	130	254	0	0	147	0	1.4	1	0	0	0	0	0	0	0	0
0		0	0	0	0		0.75916										
64	1	110	211	0	0	144	1	1.8	0	1	0	0	0	0	0	0	0
0		0	0	0	0		0.643037										
39	0	94	199	0	1	179	0	0	0	1	0	0	0	0	0	0	0
0		0	0	0	0		0.006366										
54	1	150	232	0	0	165	0	1.6	0	1	0	0	0	0	0	0	0
0		0	0	0	0		0.342824										
49	1	118	149	0	0	126	0	0.8	3	0	0	0	0	0	0	0	0
0		0	0	0	0		0.825967										
44	0	118	242	0	1	149	0	0.3	1	1	0	0	0	0	0	0	0
0		0	0	0	0		0.196121										
52	1	128	205	1	1	184	0	0	0	1	0	0	0	0	0	0	0
0		0	0	0	0		0.030127										
66	0	178	228	1	1	165	1	1	2	0	0	0	0	0	0	0	0
0		0	0	0	0		0.792235										
58	1	125	300	0	0	171	0	0	2	0	0	0	0	0	0	0	0
0		0	0	0	0		0.777479										
56	1	120	236	0	1	178	0	0.8	0	1	0	0	0	0	0	0	0
0		0	0	0	0		0.072818										
60	1	125	258	0	0	141	1	2.8	1	0	0	0	0	0	0	0	0
0		0	0	0	0		0.974794										
41	0	126	306	0	1	163	0	0	0	1	0	0	0	0	0	0	0
0		0	0	0	0		0.041959										
49	0	130	269	0	1	163	0	0	0	1	0	0	0	0	0	0	0
0		0	0	0	0		0.028614										
64	1	170	227	0	0	155	0	0.6	0	1	0	0	0	0	0	0	0
0		0	0	0	0		0.345643										

[illegible]

age	sex	trestbps	chol	fb	restecg	thalach	exang	oldpeak	ca	target	cp_0	cp_1	cp_2	cp_3	thal_0	thal_1	thal_2
thal_3		slope_0		slope_1		slope_2		Response Value		Estimated Probability							
66	1	120	302	0	0	151	0	0.4	0	1	0	0	0	0	0	0	0
0		0		0		0		0.235593									
44	1	120	226	0	1	169	0	0	0	1	0	0	0	0	0	0	0
0		0		0		0		0.09111									
54	1	150	232	0	0	165	0	1.6	0	1	0	0	0	0	0	0	0
0		0		0		0		0.342824									
48	1	122	222	0	0	186	0	0	0	1	0	0	0	0	0	0	0
0		0		0		0		0.067896									
55	0	132	342	0	1	166	0	1.2	0	1	0	0	0	0	0	0	0
0		0		0		0		0.061315									
45	1	104	208	0	0	148	1	3	0	1	0	0	0	0	0	0	0
0		0		0		0		0.799255									
53	1	123	282	0	1	95	1	2	2	0	0	0	0	0	0	0	0
0		0		0		0		0.997876									
67	1	120	237	0	1	71	0	1	0	0	0	0	0	0	0	0	0
0		0		0		0		0.757963									
58	1	132	224	0	0	173	0	3.2	2	0	0	0	0	0	0	0	0
0		0		0		0		0.90466									
71	0	110	265	1	0	130	0	0	1	1	0	0	0	0	0	0	0
0		0		0		0		0.160209									
43	1	110	211	0	1	161	0	0	0	1	0	0	0	0	0	0	0
0		0		0		0		0.0919									
44	1	120	263	0	1	173	0	0	0	1	0	0	0	0	0	0	0
0		0		0		0		0.1002									
54	1	110	206	0	0	108	1	0	1	0	0	0	0	0	0	0	0
0		0		0		0		0.957024									
56	1	130	283	1	0	103	1	1.6	0	0	0	0	0	0	0	0	0
0		0		0		0		0.937663									
44	1	130	219	0	0	188	0	0	0	1	0	0	0	0	0	0	0
0		0		0		0		0.080855									
41	0	105	198	0	1	168	0	0	1	1	0	0	0	0	0	0	0
0		0		0		0		0.061586									
45	0	130	234	0	0	175	0	0.6	0	1	0	0	0	0	0	0	0
0		0		0		0		0.031847									

age	sex	trestbps	chol	fbs	restecg	thalach	exang	oldpeak	ca	target	cp_0	cp_1	cp_2	cp_3	thal_0	thal_1	thal_2
thal_3		slope_0	slope_1	slope_2	Response Value		Estimated Probability										
35	1	122	192	0	1	174	0	0	0	1	0	0	0	0	0	0	0
0		0	0	0	0		0.082143										
41	0	130	204	0	0	172	0	1.4	0	1	0	0	0	0	0	0	0
0		0	0	0	0		0.045929										
64	1	110	211	0	0	144	1	1.8	0	1	0	0	0	0	0	0	0
0		0	0	0	0		0.643037										
71	0	110	265	1	0	130	0	0	1	1	0	0	0	0	0	0	0
0		0	0	0	0		0.160209										
71	0	160	302	0	1	162	0	0.4	2	1	0	0	0	0	0	0	0
0		0	0	0	0		0.482706										
58	0	120	340	0	1	172	0	0	0	1	0	0	0	0	0	0	0
0		0	0	0	0		0.021072										
52	1	138	223	0	1	169	0	0	4	1	0	0	0	0	0	0	0
0		0	0	0	0		0.070859										
58	1	128	259	0	0	130	1	3	2	0	0	0	0	0	0	0	0
0		0	0	0	0		0.996057										
61	1	150	243	1	1	137	1	1	0	1	0	0	0	0	0	0	0
0		0	0	0	0		0.690608										
56	0	200	288	1	0	133	1	4	2	0	0	0	0	0	0	0	0
0		0	0	0	0		0.995558										
67	1	120	237	0	1	71	0	1	0	0	0	0	0	0	0	0	0
0		0	0	0	0		0.757963										
58	1	150	270	0	0	111	1	0.8	0	0	0	0	0	0	0	0	0
0		0	0	0	0		0.940001										
35	1	122	192	0	1	174	0	0	0	1	0	0	0	0	0	0	0
0		0	0	0	0		0.082143										
52	1	120	325	0	1	172	0	0.2	0	1	0	0	0	0	0	0	0
0		0	0	0	0		0.132743										
46	0	105	204	0	1	172	0	0	0	1	0	0	0	0	0	0	0
0		0	0	0	0		0.008736										
51	1	94	227	0	1	154	1	0	1	1	0	0	0	0	0	0	0
0		0	0	0	0		0.714554										
55	0	132	342	0	1	166	0	1.2	0	1	0	0	0	0	0	0	0
0		0	0	0	0		0.061315										



age	sex	trestbps	chol	fbs	restecg	thalach	exang	oldpeak	ca	target	cp_0	cp_1	cp_2	cp_3	thal_0	thal_1	thal_2
thal_3		slope_0	slope_1	slope_2	Response Value		Estimated Probability										
60	1	145	282	0	0	142	1	2.8	2	0	0	0	0	0	0	0	0
0		0	0	0	0		0.995758										
52	0	136	196	0	0	169	0	0.1	0	1	0	0	0	0	0	0	0
0		0	0	0	0		0.022896										
62	1	120	267	0	1	99	1	1.8	2	0	0	0	0	0	0	0	0
0		0	0	0	0		0.995905										
44	0	118	242	0	1	149	0	0.3	1	1	0	0	0	0	0	0	0
0		0	0	0	0		0.196121										
44	1	120	220	0	1	170	0	0	0	1	0	0	0	0	0	0	0
0		0	0	0	0		0.084916										
59	1	126	218	1	1	134	0	2.2	1	0	0	0	0	0	0	0	0
0		0	0	0	0		0.720816										
56	0	140	294	0	0	153	0	1.3	0	1	0	0	0	0	0	0	0
0		0	0	0	0		0.119706										
61	1	120	260	0	1	140	1	3.6	1	0	0	0	0	0	0	0	0
0		0	0	0	0		0.971568										
48	1	130	256	1	0	150	1	0	2	0	0	0	0	0	0	0	0
0		0	0	0	0		0.965741										
70	1	160	269	0	1	112	1	2.9	1	0	0	0	0	0	0	0	0
0		0	0	0	0		0.992445										
74	0	120	269	0	0	121	1	0.2	1	1	0	0	0	0	0	0	0
0		0	0	0	0		0.72736										
40	1	140	199	0	1	178	1	1.4	0	1	0	0	0	0	0	0	0
0		0	0	0	0		0.500258										
42	1	148	244	0	0	178	0	0.8	2	1	0	0	0	0	0	0	0
0		0	0	0	0		0.871656										
64	0	140	313	0	1	133	0	0.2	0	1	0	0	0	0	0	0	0
0		0	0	0	0		0.094311										
63	0	135	252	0	0	172	0	0	0	1	0	0	0	0	0	0	0
0		0	0	0	0		0.020548										
59	1	140	177	0	1	162	1	0	1	0	0	0	0	0	0	0	0
0		0	0	0	0		0.734922										
53	0	128	216	0	0	115	0	0	0	1	0	0	0	0	0	0	0
0		0	0	0	0		0.131387										

[illegible]



[illegible]

[illegible]

age	sex	trestbps	chol	fbs	restecg	thalach	exang	oldpeak	ca	target	cp_0	cp_1	cp_2	cp_3	thal_0	thal_1	thal_2
thal_3		slope_0	slope_1	slope_2	Response Value		Estimated Probability										
61	1	140	207	0	0	138	1	1.9	1	0	0	0	0	0	0	0	0
0		0	0	0	0		0.964372										
58	1	140	211	1	0	165	0	0	0	1	0	0	0	0	0	0	0
0		0	0	0	0		0.094683										
58	1	100	234	0	1	156	0	0.1	1	0	0	0	0	0	0	0	0
0		0	0	0	0		0.312829										
46	1	150	231	0	1	147	0	3.6	0	0	0	0	0	0	0	0	0
0		0	0	0	0		0.674463										
56	1	125	249	1	0	144	1	1.2	1	0	0	0	0	0	0	0	0
0		0	0	0	0		0.921188										
57	1	150	276	0	0	112	1	0.6	1	0	0	0	0	0	0	0	0
0		0	0	0	0		0.988497										
70	1	130	322	0	0	109	0	2.4	3	0	0	0	0	0	0	0	0
0		0	0	0	0		0.976378										
59	1	170	288	0	0	159	0	0.2	0	0	0	0	0	0	0	0	0
0		0	0	0	0		0.399602										
41	0	130	204	0	0	172	0	1.4	0	1	0	0	0	0	0	0	0
0		0	0	0	0		0.045929										
54	1	125	273	0	0	152	0	0.5	1	1	0	0	0	0	0	0	0
0		0	0	0	0		0.698985										
52	1	138	223	0	1	169	0	0	4	1	0	0	0	0	0	0	0
0		0	0	0	0		0.070859										
62	0	124	209	0	1	163	0	0	0	1	0	0	0	0	0	0	0
0		0	0	0	0		0.011774										
65	0	160	360	0	0	151	0	0.8	0	1	0	0	0	0	0	0	0
0		0	0	0	0		0.176691										
57	0	120	354	0	1	163	1	0.6	0	1	0	0	0	0	0	0	0
0		0	0	0	0		0.187378										
58	0	136	319	1	0	152	0	0	2	0	0	0	0	0	0	0	0
0		0	0	0	0		0.520502										
45	1	142	309	0	0	147	1	0	3	0	0	0	0	0	0	0	0
0		0	0	0	0		0.977741										
51	0	130	305	0	1	142	1	1.2	0	0	0	0	0	0	0	0	0
0		0	0	0	0		0.405639										

age	sex	trestbps	chol	fbs	restecg	thalach	exang	oldpeak	ca	target	cp_0	cp_1	cp_2	cp_3	thal_0	thal_1	thal_2
thal_3		slope_0	slope_1	slope_2	Response Value		Estimated Probability										
54	0	160	201	0	1	163	0	0	1	1	0	0	0	0	0	0	0
0		0	0	0	0		0.148989										
43	1	132	247	1	0	143	1	0.1	4	0	0	0	0	0	0	0	0
0		0	0	0	0		0.58548										
67	1	152	212	0	0	150	0	0.8	0	0	0	0	0	0	0	0	0
0		0	0	0	0		0.282895										
65	0	150	225	0	0	114	0	1	3	0	0	0	0	0	0	0	0
0		0	0	0	0		0.73317										
60	0	102	318	0	1	160	0	0	1	1	0	0	0	0	0	0	0
0		0	0	0	0		0.097554										
37	1	130	250	0	1	187	0	3.5	0	1	0	0	0	0	0	0	0
0		0	0	0	0		0.308371										
41	0	112	268	0	0	172	1	0	0	1	0	0	0	0	0	0	0
0		0	0	0	0		0.123742										
57	0	120	354	0	1	163	1	0.6	0	1	0	0	0	0	0	0	0
0		0	0	0	0		0.187378										
59	0	174	249	0	1	143	1	0	0	0	0	0	0	0	0	0	0
0		0	0	0	0		0.343542										
67	1	120	229	0	0	129	1	2.6	2	0	0	0	0	0	0	0	0
0		0	0	0	0		0.991501										
47	1	130	253	0	1	179	0	0	0	1	0	0	0	0	0	0	0
0		0	0	0	0		0.086393										
58	1	120	284	0	0	160	0	1.8	0	0	0	0	0	0	0	0	0
0		0	0	0	0		0.316974										
62	0	150	244	0	1	154	1	1.4	0	0	0	0	0	0	0	0	0
0		0	0	0	0		0.261068										
60	1	140	293	0	0	170	0	1.2	2	0	0	0	0	0	0	0	0
0		0	0	0	0		0.884637										
57	1	152	274	0	1	88	1	1.2	1	0	0	0	0	0	0	0	0
0		0	0	0	0		0.994659										
47	1	130	253	0	1	179	0	0	0	1	0	0	0	0	0	0	0
0		0	0	0	0		0.086393										
55	1	160	289	0	0	145	1	0.8	1	0	0	0	0	0	0	0	0
0		0	0	0	0		0.975741										

age	sex	trestbps	chol	fbs	restecg	thalach	exang	oldpeak	ca	target	cp_0	cp_1	cp_2	cp_3	thal_0	thal_1	thal_2
thal_3		slope_0	slope_1	slope_2	Response Value		Estimated Probability										
51	0	120	295	0	0	157	0	0.6	0	1	0	0	0	0	0	0	0
0		0	0	0	0		0.06152										
52	1	112	230	0	1	160	0	0	1	0	0	0	0	0	0	0	0
0		0	0	0	0		0.358466										
63	0	150	407	0	0	154	0	4	3	0	0	0	0	0	0	0	0
0		0	0	0	0		0.899797										
66	0	178	228	1	1	165	1	1	2	0	0	0	0	0	0	0	0
0		0	0	0	0		0.792235										
49	0	134	271	0	1	162	0	0	0	1	0	0	0	0	0	0	0
0		0	0	0	0		0.032576										
65	0	150	225	0	0	114	0	1	3	0	0	0	0	0	0	0	0
0		0	0	0	0		0.73317										
47	1	108	243	0	1	152	0	0	0	0	0	0	0	0	0	0	0
0		0	0	0	0		0.129929										
39	0	138	220	0	1	152	0	0	0	1	0	0	0	0	0	0	0
0		0	0	0	0		0.047333										
43	1	150	247	0	1	171	0	1.5	0	1	0	0	0	0	0	0	0
0		0	0	0	0		0.289345										
51	1	140	261	0	0	186	1	0	0	1	0	0	0	0	0	0	0
0		0	0	0	0		0.397708										
69	1	140	254	0	0	146	0	2	3	0	0	0	0	0	0	0	0
0		0	0	0	0		0.877388										
52	1	118	186	0	0	190	0	0	0	1	0	0	0	0	0	0	0
0		0	0	0	0		0.038864										
43	1	110	211	0	1	161	0	0	0	1	0	0	0	0	0	0	0
0		0	0	0	0		0.0919										
67	0	115	564	0	0	160	0	1.6	0	1	0	0	0	0	0	0	0
0		0	0	0	0		0.245729										
38	1	138	175	0	1	173	0	0	4	1	0	0	0	0	0	0	0
0		0	0	0	0		0.066354										
44	1	130	219	0	0	188	0	0	0	1	0	0	0	0	0	0	0
0		0	0	0	0		0.080855										
47	1	110	275	0	0	118	1	1	1	0	0	0	0	0	0	0	0
0		0	0	0	0		0.979318										



age	sex	trestbps	chol	fbs	restecg	thalach	exang	oldpeak	ca	target	cp_0	cp_1	cp_2	cp_3	thal_0	thal_1	thal_2
thal_3		slope_0	slope_1	slope_2	Response Value		Estimated Probability										
61	1	150	243	1	1	137	1	1	0	1	0	0	0	0	0	0	0
0		0	0	0	0		0.690608										
67	1	160	286	0	0	108	1	1.5	3	0	0	0	0	0	0	0	0
0		0	0	0	0		0.995812										
60	0	150	240	0	1	171	0	0.9	0	1	0	0	0	0	0	0	0
0		0	0	0	0		0.029175										
41	1	130	214	0	0	168	0	2	0	1	0	0	0	0	0	0	0
0		0	0	0	0		0.321216										
48	1	110	229	0	1	168	0	1	0	0	0	0	0	0	0	0	0
0		0	0	0	0		0.107478										
57	1	150	126	1	1	173	0	0.2	1	1	0	0	0	0	0	0	0
0		0	0	0	0		0.191528										
57	1	165	289	1	0	124	0	1	3	0	0	0	0	0	0	0	0
0		0	0	0	0		0.952789										
39	1	140	321	0	0	182	0	0	0	1	0	0	0	0	0	0	0
0		0	0	0	0		0.237374										
58	1	128	216	0	0	131	1	2.2	3	0	0	0	0	0	0	0	0
0		0	0	0	0		0.983053										
65	1	110	248	0	0	158	0	0.6	2	0	0	0	0	0	0	0	0
0		0	0	0	0		0.755517										
62	1	120	281	0	0	103	0	1.4	1	0	0	0	0	0	0	0	0
0		0	0	0	0		0.940258										
41	1	110	172	0	0	158	0	0	0	0	0	0	0	0	0	0	0
0		0	0	0	0		0.120501										
54	0	132	288	1	0	159	1	0	1	1	0	0	0	0	0	0	0
0		0	0	0	0		0.509465										
61	1	150	243	1	1	137	1	1	0	1	0	0	0	0	0	0	0
0		0	0	0	0		0.690608										
57	0	128	303	0	0	159	0	0	1	1	0	0	0	0	0	0	0
0		0	0	0	0		0.221125										
64	1	125	309	0	1	131	1	1.8	0	0	0	0	0	0	0	0	0
0		0	0	0	0		0.837668										
51	1	125	245	1	0	166	0	2.4	0	1	0	0	0	0	0	0	0
0		0	0	0	0		0.250527										

age	sex	trestbps	chol	fbs	restecg	thalach	exang	oldpeak	ca	target	cp_0	cp_1	cp_2	cp_3	thal_0	thal_1	thal_2	
thal_3	slope_0	slope_1	slope_2	Response Value			Estimated Probability											
59	1	135	234	0	1	161	0	0.5	0	1	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0.136497											
68	1	180	274	1	0	150	1	1.6	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0.83717											
54	1	140	239	0	1	160	0	1.2	0	1	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0.229509											
46	0	142	177	0	0	160	1	1.4	0	1	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0.264618											
71	0	112	149	0	1	125	0	1.6	0	1	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0.037721											
46	0	142	177	0	0	160	1	1.4	0	1	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0.264618											
45	0	130	234	0	0	175	0	0.6	0	1	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0.031847											
47	1	108	243	0	1	152	0	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0.129929											
44	0	118	242	0	1	149	0	0.3	1	1	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0.196121											
61	1	120	260	0	1	140	1	3.6	1	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0.971568											
41	0	130	204	0	0	172	0	1.4	0	1	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0.045929											
55	0	180	327	0	2	117	1	3.4	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0.96735											
43	1	120	177	0	0	120	1	2.5	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0.91371											
54	1	110	206	0	0	108	1	0	1	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0.957024											
60	1	130	206	0	0	132	1	2.4	2	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0.991946											
41	0	105	198	0	1	168	0	0	1	1	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0.061586											
49	1	120	188	0	1	139	0	2	3	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0.821881											

age	sex	trestbps	chol	fbs	restecg	thalach	exang	oldpeak	ca	target	cp_0	cp_1	cp_2	cp_3	thal_0	thal_1	thal_2
thal_3		slope_0	slope_1	slope_2	Response Value		Estimated Probability										
59	1	140	177	0	1	162	1	0	1	0	0	0	0	0	0	0	0
0		0	0	0	0	0	0.734922										
58	1	125	220	0	1	144	0	0.4	4	1	0	0	0	0	0	0	0
0		0	0	0	0	0	0.125039										
67	0	152	277	0	1	172	0	0	1	1	0	0	0	0	0	0	0
0		0	0	0	0	0	0.109576										
61	1	148	203	0	1	161	0	0	1	0	0	0	0	0	0	0	0
0		0	0	0	0	0	0.424015										
58	1	112	230	0	0	165	0	2.5	1	0	0	0	0	0	0	0	0
0		0	0	0	0	0	0.643484										
51	0	130	256	0	0	149	0	0.5	0	1	0	0	0	0	0	0	0
0		0	0	0	0	0	0.073545										
62	0	160	164	0	0	145	0	6.2	3	0	0	0	0	0	0	0	0
0		0	0	0	0	0	0.891204										
62	0	124	209	0	1	163	0	0	0	1	0	0	0	0	0	0	0
0		0	0	0	0	0	0.011774										
59	1	178	270	0	0	145	0	4.2	0	1	0	0	0	0	0	0	0
0		0	0	0	0	0	0.875513										
69	1	160	234	1	0	131	0	0.1	1	1	0	0	0	0	0	0	0
0		0	0	0	0	0	0.740097										
60	0	150	258	0	0	157	0	2.6	2	0	0	0	0	0	0	0	0
0		0	0	0	0	0	0.787906										
65	0	155	269	0	1	148	0	0.8	0	1	0	0	0	0	0	0	0
0		0	0	0	0	0	0.072258										
63	0	124	197	0	1	136	1	0	0	0	0	0	0	0	0	0	0
0		0	0	0	0	0	0.129439										
53	0	138	234	0	0	160	0	0	0	1	0	0	0	0	0	0	0
0		0	0	0	0	0	0.039195										
76	0	140	197	0	2	116	0	1.1	0	1	0	0	0	0	0	0	0
0		0	0	0	0	0	0.170681										
50	0	120	219	0	1	158	0	1.6	0	1	0	0	0	0	0	0	0
0		0	0	0	0	0	0.039205										
52	1	120	325	0	1	172	0	0.2	0	1	0	0	0	0	0	0	0
0		0	0	0	0	0	0.132743										

age	sex	trestbps	chol	fbs	restecg	thalach	exang	oldpeak	ca	target	cp_0	cp_1	cp_2	cp_3	thal_0	thal_1	thal_2
thal_3		slope_0	slope_1	slope_2	Response Value		Estimated Probability										
46	1	120	249	0	0	144	0	0.8	0	0	0	0	0	0	0	0	0
0		0	0	0	0	0	0.370979										
64	1	170	227	0	0	155	0	0.6	0	1	0	0	0	0	0	0	0
0		0	0	0	0	0	0.345643										
58	1	128	259	0	0	130	1	3	2	0	0	0	0	0	0	0	0
0		0	0	0	0	0	0.996057										
44	1	140	235	0	0	180	0	0	0	1	0	0	0	0	0	0	0
0		0	0	0	0	0	0.139307										
59	1	134	204	0	1	162	0	0.8	2	0	0	0	0	0	0	0	0
0		0	0	0	0	0	0.740212										
54	1	125	273	0	0	152	0	0.5	1	1	0	0	0	0	0	0	0
0		0	0	0	0	0	0.698985										
48	1	110	229	0	1	168	0	1	0	0	0	0	0	0	0	0	0
0		0	0	0	0	0	0.107478										
70	1	130	322	0	0	109	0	2.4	3	0	0	0	0	0	0	0	0
0		0	0	0	0	0	0.976378										
51	0	120	295	0	0	157	0	0.6	0	1	0	0	0	0	0	0	0
0		0	0	0	0	0	0.06152										
69	1	140	254	0	0	146	0	2	3	0	0	0	0	0	0	0	0
0		0	0	0	0	0	0.877388										
54	1	122	286	0	0	116	1	3.2	2	0	0	0	0	0	0	0	0
0		0	0	0	0	0	0.998176										
43	0	132	341	1	0	136	1	3	0	0	0	0	0	0	0	0	0
0		0	0	0	0	0	0.758402										
53	1	130	197	1	0	152	0	1.2	0	1	0	0	0	0	0	0	0
0		0	0	0	0	0	0.197195										
58	1	100	234	0	1	156	0	0.1	1	0	0	0	0	0	0	0	0
0		0	0	0	0	0	0.312829										
67	1	125	254	1	1	163	0	0.2	2	0	0	0	0	0	0	0	0
0		0	0	0	0	0	0.560237										
59	1	140	177	0	1	162	1	0	1	0	0	0	0	0	0	0	0
0		0	0	0	0	0	0.734922										
48	1	122	222	0	0	186	0	0	0	1	0	0	0	0	0	0	0
0		0	0	0	0	0	0.067896										

age	sex	trestbps	chol	fbs	restecg	thalach	exang	oldpeak	ca	target	cp_0	cp_1	cp_2	cp_3	thal_0	thal_1	thal_2
thal_3		slope_0	slope_1	slope_2	Response Value		Estimated Probability										
39	0	94	199	0	1	179	0	0	0	1	0	0	0	0	0	0	0
0		0	0	0	0		0.006366										
67	1	120	237	0	1	71	0	1	0	0	0	0	0	0	0	0	0
0		0	0	0	0		0.757963										
58	0	130	197	0	1	131	0	0.6	0	1	0	0	0	0	0	0	0
0		0	0	0	0		0.05554										
65	0	155	269	0	1	148	0	0.8	0	1	0	0	0	0	0	0	0
0		0	0	0	0		0.072258										
42	0	120	209	0	1	173	0	0	0	1	0	0	0	0	0	0	0
0		0	0	0	0		0.013314										
56	1	132	184	0	0	105	1	2.1	1	0	0	0	0	0	0	0	0
0		0	0	0	0		0.988018										
53	0	138	234	0	0	160	0	0	0	1	0	0	0	0	0	0	0
0		0	0	0	0		0.039195										
50	0	110	254	0	0	159	0	0	0	1	0	0	0	0	0	0	0
0		0	0	0	0		0.028554										
41	1	130	214	0	0	168	0	2	0	1	0	0	0	0	0	0	0
0		0	0	0	0		0.321216										
54	0	160	201	0	1	163	0	0	1	1	0	0	0	0	0	0	0
0		0	0	0	0		0.148989										
42	1	120	240	1	1	194	0	0.8	0	1	0	0	0	0	0	0	0
0		0	0	0	0		0.042305										
54	0	135	304	1	1	170	0	0	0	1	0	0	0	0	0	0	0
0		0	0	0	0		0.017963										
60	1	145	282	0	0	142	1	2.8	2	0	0	0	0	0	0	0	0
0		0	0	0	0		0.995758										
34	1	118	182	0	0	174	0	0	0	1	0	0	0	0	0	0	0
0		0	0	0	0		0.105682										
44	1	112	290	0	0	153	0	0	1	0	0	0	0	0	0	0	0
0		0	0	0	0		0.670545										
60	1	125	258	0	0	141	1	2.8	1	0	0	0	0	0	0	0	0
0		0	0	0	0		0.974794										
43	1	150	247	0	1	171	0	1.5	0	1	0	0	0	0	0	0	0
0		0	0	0	0		0.289345										

[illegible]

age	sex	trestbps	chol	fbs	restecg	thalach	exang	oldpeak	ca	target	cp_0	cp_1	cp_2	cp_3	thal_0	thal_1	thal_2
thal_3		slope_0	slope_1	slope_2	Response Value		Estimated Probability										
64	1	145	212	0	0	132	0	2	2	0	0	0	0	0	0	0	0
0		0	0	0	0		0.961736										
61	1	148	203	0	1	161	0	0	1	0	0	0	0	0	0	0	0
0		0	0	0	0		0.424015										
59	1	140	221	0	1	164	1	0	0	1	0	0	0	0	0	0	0
0		0	0	0	0		0.374287										
38	1	138	175	0	1	173	0	0	4	1	0	0	0	0	0	0	0
0		0	0	0	0		0.066354										
63	0	140	195	0	1	179	0	0	2	1	0	0	0	0	0	0	0
0		0	0	0	0		0.14368										
46	1	140	311	0	1	120	1	1.8	2	0	0	0	0	0	0	0	0
0		0	0	0	0		0.997277										
58	0	120	340	0	1	172	0	0	0	1	0	0	0	0	0	0	0
0		0	0	0	0		0.021072										
47	1	130	253	0	1	179	0	0	0	1	0	0	0	0	0	0	0
0		0	0	0	0		0.086393										
71	0	110	265	1	0	130	0	0	1	1	0	0	0	0	0	0	0
0		0	0	0	0		0.160209										
66	1	112	212	0	0	132	1	0.1	1	0	0	0	0	0	0	0	0
0		0	0	0	0		0.881975										
42	1	136	315	0	1	125	1	1.8	0	0	0	0	0	0	0	0	0
0		0	0	0	0		0.940542										
64	1	145	212	0	0	132	0	2	2	0	0	0	0	0	0	0	0
0		0	0	0	0		0.961736										
55	0	180	327	0	2	117	1	3.4	0	0	0	0	0	0	0	0	0
0		0	0	0	0		0.96735										
43	0	132	341	1	0	136	1	3	0	0	0	0	0	0	0	0	0
0		0	0	0	0		0.758402										
55	0	128	205	0	2	130	1	2	1	0	0	0	0	0	0	0	0
0		0	0	0	0		0.8935										
58	0	170	225	1	0	146	1	2.8	2	0	0	0	0	0	0	0	0
0		0	0	0	0		0.963903										
55	1	140	217	0	1	111	1	5.6	0	0	0	0	0	0	0	0	0
0		0	0	0	0		0.982531										

age	sex	trestbps	chol	fbs	restecg	thalach	exang	oldpeak	ca	target	cp_0	cp_1	cp_2	cp_3	thal_0	thal_1	thal_2
thal_3	slope_0	slope_1	slope_2	Response Value		Estimated Probability											
51	0	130	305	0	1	142	1	1.2	0	0	0	0	0	0	0	0	0
0	0	0	0	0		0.405639											
50	0	120	219	0	1	158	0	1.6	0	1	0	0	0	0	0	0	0
0	0	0	0	0		0.039205											
43	1	115	303	0	1	181	0	1.2	0	1	0	0	0	0	0	0	0
0	0	0	0	0		0.147931											
41	0	126	306	0	1	163	0	0	0	1	0	0	0	0	0	0	0
0	0	0	0	0		0.041959											
48	1	130	256	1	0	150	1	0	2	0	0	0	0	0	0	0	0
0	0	0	0	0		0.965741											
62	0	138	294	1	1	106	0	1.9	3	0	0	0	0	0	0	0	0
0	0	0	0	0		0.766798											
59	1	178	270	0	0	145	0	4.2	0	1	0	0	0	0	0	0	0
0	0	0	0	0		0.875513											
69	1	140	254	0	0	146	0	2	3	0	0	0	0	0	0	0	0
0	0	0	0	0		0.877388											
38	1	120	231	0	1	182	1	3.8	0	0	0	0	0	0	0	0	0
0	0	0	0	0		0.68827											
69	0	140	239	0	1	151	0	1.8	2	1	0	0	0	0	0	0	0
0	0	0	0	0		0.543388											
65	1	138	282	1	0	174	0	1.4	1	0	0	0	0	0	0	0	0
0	0	0	0	0		0.510772											
45	1	110	264	0	1	132	0	1.2	0	0	0	0	0	0	0	0	0
0	0	0	0	0		0.403793											
45	0	130	234	0	0	175	0	0.6	0	1	0	0	0	0	0	0	0
0	0	0	0	0		0.031847											
61	1	138	166	0	0	125	1	3.6	1	0	0	0	0	0	0	0	0
0	0	0	0	0		0.98549											
53	0	130	264	0	0	143	0	0.4	0	1	0	0	0	0	0	0	0
0	0	0	0	0		0.086069											
59	0	174	249	0	1	143	1	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0		0.343542											
58	0	120	340	0	1	172	0	0	0	1	0	0	0	0	0	0	0
0	0	0	0	0		0.021072											



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age	sex	trestbps	chol	fbs	restecg	thalach	exang	oldpeak	ca	target	cp_0	cp_1	cp_2	cp_3	thal_0	thal_1	thal_2
thal_3		slope_0	slope_1	slope_2	Response Value		Estimated Probability										
39	0	138	220	0	1	152	0	0	0	1	0	0	0	0	0	0	0
0		0	0	0	0		0.047333										
64	1	125	309	0	1	131	1	1.8	0	0	0	0	0	0	0	0	0
0		0	0	0	0		0.837668										
59	1	138	271	0	0	182	0	0	0	1	0	0	0	0	0	0	0
0		0	0	0	0		0.107036										
61	1	138	166	0	0	125	1	3.6	1	0	0	0	0	0	0	0	0
0		0	0	0	0		0.98549										
66	0	150	226	0	1	114	0	2.6	0	1	0	0	0	0	0	0	0
0		0	0	0	0		0.283672										
35	1	122	192	0	1	174	0	0	0	1	0	0	0	0	0	0	0
0		0	0	0	0		0.082143										
57	1	124	261	0	1	141	0	0.3	0	0	0	0	0	0	0	0	0
0		0	0	0	0		0.232422										
66	1	160	246	0	1	120	1	0	3	0	0	0	0	0	0	0	0
0		0	0	0	0		0.976204										
61	0	130	330	0	0	169	0	0	0	0	0	0	0	0	0	0	0
0		0	0	0	0		0.036518										
68	1	118	277	0	1	151	0	1	1	1	0	0	0	0	0	0	0
0		0	0	0	0		0.545576										
58	1	100	234	0	1	156	0	0.1	1	0	0	0	0	0	0	0	0
0		0	0	0	0		0.312829										
60	1	130	253	0	1	144	1	1.4	1	0	0	0	0	0	0	0	0
0		0	0	0	0		0.929886										
63	1	130	254	0	0	147	0	1.4	1	0	0	0	0	0	0	0	0
0		0	0	0	0		0.75916										
41	0	112	268	0	0	172	1	0	0	1	0	0	0	0	0	0	0
0		0	0	0	0		0.123742										
59	1	170	326	0	0	140	1	3.4	0	0	0	0	0	0	0	0	0
0		0	0	0	0		0.97428										
59	1	164	176	1	0	90	0	1	2	0	0	0	0	0	0	0	0
0		0	0	0	0		0.984974										
63	0	150	407	0	0	154	0	4	3	0	0	0	0	0	0	0	0
0		0	0	0	0		0.899797										



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[illegible]

[illegible]

age	sex	trestbps	chol	fbs	restecg	thalach	exang	oldpeak	ca	target	cp_0	cp_1	cp_2	cp_3	thal_0	thal_1	thal_2
thal_3		slope_0	slope_1	slope_2	Response Value		Estimated Probability										
43	1	115	303	0	1	181	0	1.2	0	1	0	0	0	0	0	0	0
0		0	0	0	0		0.147931										
67	1	120	229	0	0	129	1	2.6	2	0	0	0	0	0	0	0	0
0		0	0	0	0		0.991501										
63	1	145	233	1	0	150	0	2.3	0	1	0	0	0	0	0	0	0
0		0	0	0	0		0.36266										
63	0	124	197	0	1	136	1	0	0	0	0	0	0	0	0	0	0
0		0	0	0	0		0.129439										
52	1	112	230	0	1	160	0	0	1	0	0	0	0	0	0	0	0
0		0	0	0	0		0.358466										
58	0	130	197	0	1	131	0	0.6	0	1	0	0	0	0	0	0	0
0		0	0	0	0		0.05554										
53	1	142	226	0	0	111	1	0	0	1	0	0	0	0	0	0	0
0		0	0	0	0		0.887802										
57	1	150	276	0	0	112	1	0.6	1	0	0	0	0	0	0	0	0
0		0	0	0	0		0.988497										
44	1	130	233	0	1	179	1	0.4	0	1	0	0	0	0	0	0	0
0		0	0	0	0		0.35916										
51	1	94	227	0	1	154	1	0	1	1	0	0	0	0	0	0	0
0		0	0	0	0		0.714554										
54	0	110	214	0	1	158	0	1.6	0	1	0	0	0	0	0	0	0
0		0	0	0	0		0.02774										
40	1	110	167	0	0	114	1	2	0	0	0	0	0	0	0	0	0
0		0	0	0	0		0.896817										
62	0	140	268	0	0	160	0	3.6	2	0	0	0	0	0	0	0	0
0		0	0	0	0		0.810707										
53	1	140	203	1	0	155	1	3.1	0	0	0	0	0	0	0	0	0
0		0	0	0	0		0.77582										
58	1	105	240	0	0	154	1	0.6	0	1	0	0	0	0	0	0	0
0		0	0	0	0		0.48683										
70	1	156	245	0	0	143	0	0	0	1	0	0	0	0	0	0	0
0		0	0	0	0		0.307169										
45	1	115	260	0	0	185	0	0	0	1	0	0	0	0	0	0	0
0		0	0	0	0		0.084276										



age	sex	trestbps	chol	fbs	restecg	thalach	exang	oldpeak	ca	target	cp_0	cp_1	cp_2	cp_3	thal_0	thal_1	thal_2
thal_3		slope_0	slope_1	slope_2	Response Value		Estimated Probability										
42	1	148	244	0	0	178	0	0.8	2	1	0	0	0	0	0	0	0
0		0	0	0	0		0.871656										
58	0	170	225	1	0	146	1	2.8	2	0	0	0	0	0	0	0	0
0		0	0	0	0		0.963903										
61	1	140	207	0	0	138	1	1.9	1	0	0	0	0	0	0	0	0
0		0	0	0	0		0.964372										
62	0	140	268	0	0	160	0	3.6	2	0	0	0	0	0	0	0	0
0		0	0	0	0		0.810707										
60	1	130	253	0	1	144	1	1.4	1	0	0	0	0	0	0	0	0
0		0	0	0	0		0.929886										
54	1	140	239	0	1	160	0	1.2	0	1	0	0	0	0	0	0	0
0		0	0	0	0		0.229509										
61	1	138	166	0	0	125	1	3.6	1	0	0	0	0	0	0	0	0
0		0	0	0	0		0.98549										
63	0	135	252	0	0	172	0	0	0	1	0	0	0	0	0	0	0
0		0	0	0	0		0.020548										
42	1	130	180	0	1	150	0	0	0	1	0	0	0	0	0	0	0
0		0	0	0	0		0.160769										
57	1	128	229	0	0	150	0	0.4	1	0	0	0	0	0	0	0	0
0		0	0	0	0		0.633815										
44	1	130	233	0	1	179	1	0.4	0	1	0	0	0	0	0	0	0
0		0	0	0	0		0.35916										
54	1	124	266	0	0	109	1	2.2	1	0	0	0	0	0	0	0	0
0		0	0	0	0		0.991488										
51	1	100	222	0	1	143	1	1.2	0	1	0	0	0	0	0	0	0
0		0	0	0	0		0.547814										
58	1	125	220	0	1	144	0	0.4	4	1	0	0	0	0	0	0	0
0		0	0	0	0		0.125039										
68	1	118	277	0	1	151	0	1	1	1	0	0	0	0	0	0	0
0		0	0	0	0		0.545576										
55	1	140	217	0	1	111	1	5.6	0	0	0	0	0	0	0	0	0
0		0	0	0	0		0.982531										
42	1	136	315	0	1	125	1	1.8	0	0	0	0	0	0	0	0	0
0		0	0	0	0		0.940542										

age	sex	trestbps	chol	fbs	restecg	thalach	exang	oldpeak	ca	target	cp_0	cp_1	cp_2	cp_3	thal_0	thal_1	thal_2
thal_3		slope_0	slope_1	slope_2	Response Value		Estimated Probability										
49	1	118	149	0	0	126	0	0.8	3	0	0	0	0	0	0	0	0
0		0	0	0	0		0.825967										
53	0	138	234	0	0	160	0	0	0	1	0	0	0	0	0	0	0
0		0	0	0	0		0.039199										
52	1	172	199	1	1	162	0	0.5	0	1	0	0	0	0	0	0	0
0		0	0	0	0		0.173097										
51	1	140	261	0	0	186	1	0	0	1	0	0	0	0	0	0	0
0		0	0	0	0		0.397708										
58	1	112	230	0	0	165	0	2.5	1	0	0	0	0	0	0	0	0
0		0	0	0	0		0.643484										
56	1	132	184	0	0	105	1	2.1	1	0	0	0	0	0	0	0	0
0		0	0	0	0		0.988018										
35	0	138	183	0	1	182	0	1.4	0	1	0	0	0	0	0	0	0
0		0	0	0	0		0.026531										
61	1	138	166	0	0	125	1	3.6	1	0	0	0	0	0	0	0	0
0		0	0	0	0		0.98549										
58	0	150	283	1	0	162	0	1	0	1	0	0	0	0	0	0	0
0		0	0	0	0		0.057249										
52	1	128	255	0	1	161	1	0	1	0	0	0	0	0	0	0	0
0		0	0	0	0		0.822742										
58	1	120	284	0	0	160	0	1.8	0	0	0	0	0	0	0	0	0
0		0	0	0	0		0.316974										
37	1	130	250	0	1	187	0	3.5	0	1	0	0	0	0	0	0	0
0		0	0	0	0		0.308371										
52	1	128	255	0	1	161	1	0	1	0	0	0	0	0	0	0	0
0		0	0	0	0		0.822742										
67	1	120	229	0	0	129	1	2.6	2	0	0	0	0	0	0	0	0
0		0	0	0	0		0.991501										
65	1	138	282	1	0	174	0	1.4	1	0	0	0	0	0	0	0	0
0		0	0	0	0		0.510772										
46	1	101	197	1	1	156	0	0	0	1	0	0	0	0	0	0	0
0		0	0	0	0		0.052278										
68	0	120	211	0	0	115	0	1.5	0	1	0	0	0	0	0	0	0
0		0	0	0	0		0.136547										

age	sex	trestbps	chol	fbs	restecg	thalach	exang	oldpeak	ca	target	cp_0	cp_1	cp_2	cp_3	thal_0	thal_1	thal_2
thal_3		slope_0	slope_1	slope_2	Response Value		Estimated Probability										
51	1	140	299	0	1	173	1	1.6	0	0	0	0	0	0	0	0	0
0		0	0	0	0		0.654071										
52	1	112	230	0	1	160	0	0	1	0	0	0	0	0	0	0	0
0		0	0	0	0		0.358466										
64	1	140	335	0	1	158	0	0	0	0	0	0	0	0	0	0	0
0		0	0	0	0		0.211874										
59	1	170	288	0	0	159	0	0.2	0	0	0	0	0	0	0	0	0
0		0	0	0	0		0.399602										
52	1	125	212	0	1	168	0	1	2	0	0	0	0	0	0	0	0
0		0	0	0	0		0.728055										
59	1	160	273	0	0	125	0	0	0	0	0	0	0	0	0	0	0
0		0	0	0	0		0.606419										
60	0	150	240	0	1	171	0	0.9	0	1	0	0	0	0	0	0	0
0		0	0	0	0		0.029175										
41	1	112	250	0	1	179	0	0	0	1	0	0	0	0	0	0	0
0		0	0	0	0		0.070202										
41	1	110	235	0	1	153	0	0	0	1	0	0	0	0	0	0	0
0		0	0	0	0		0.144478										
56	1	120	240	0	1	169	0	0	0	1	0	0	0	0	0	0	0
0		0	0	0	0		0.072494										
56	1	120	236	0	1	178	0	0.8	0	1	0	0	0	0	0	0	0
0		0	0	0	0		0.072818										
48	0	130	275	0	1	139	0	0.2	0	1	0	0	0	0	0	0	0
0		0	0	0	0		0.076584										
39	1	140	321	0	0	182	0	0	0	1	0	0	0	0	0	0	0
0		0	0	0	0		0.237374										
64	1	170	227	0	0	155	0	0.6	0	1	0	0	0	0	0	0	0
0		0	0	0	0		0.345643										
57	1	140	192	0	1	148	0	0.4	0	1	0	0	0	0	0	0	0
0		0	0	0	0		0.176754										
43	0	122	213	0	1	165	0	0.2	0	1	0	0	0	0	0	0	0
0		0	0	0	0		0.020169										
59	1	138	271	0	0	182	0	0	0	1	0	0	0	0	0	0	0
0		0	0	0	0		0.107036										

age	sex	trestbps	chol	fbs	restecg	thalach	exang	oldpeak	ca	target	cp_0	cp_1	cp_2	cp_3	thal_0	thal_1	thal_2
thal_3		slope_0	slope_1	slope_2	Response Value		Estimated Probability										
57	1	132	207	0	1	168	1	0	0	1	0	0	0	0	0	0	0
0		0	0	0	0		0.296312										
57	1	130	131	0	1	115	1	1.2	1	0	0	0	0	0	0	0	0
0		0	0	0	0		0.943267										
48	1	124	274	0	0	166	0	0.5	0	0	0	0	0	0	0	0	0
0		0	0	0	0		0.219293										
70	1	145	174	0	1	125	1	2.6	0	0	0	0	0	0	0	0	0
0		0	0	0	0		0.825009										
57	1	165	289	1	0	124	0	1	3	0	0	0	0	0	0	0	0
0		0	0	0	0		0.952789										
57	1	110	201	0	1	126	1	1.5	0	1	0	0	0	0	0	0	0
0		0	0	0	0		0.698898										
60	0	150	258	0	0	157	0	2.6	2	0	0	0	0	0	0	0	0
0		0	0	0	0		0.787906										
63	0	150	407	0	0	154	0	4	3	0	0	0	0	0	0	0	0
0		0	0	0	0		0.899797										
64	0	180	325	0	1	154	1	0	0	1	0	0	0	0	0	0	0
0		0	0	0	0		0.365665										
54	1	110	239	0	1	126	1	2.8	1	0	0	0	0	0	0	0	0
0		0	0	0	0		0.971548										
52	1	128	204	1	1	156	1	1	0	0	0	0	0	0	0	0	0
0		0	0	0	0		0.411584										
51	1	140	299	0	1	173	1	1.6	0	0	0	0	0	0	0	0	0
0		0	0	0	0		0.654071										
62	0	130	263	0	1	97	0	1.2	1	0	0	0	0	0	0	0	0
0		0	0	0	0		0.683478										
59	1	178	270	0	0	145	0	4.2	0	1	0	0	0	0	0	0	0
0		0	0	0	0		0.875513										
52	1	134	201	0	1	158	0	0.8	1	1	0	0	0	0	0	0	0
0		0	0	0	0		0.528677										
42	0	102	265	0	0	122	0	0.6	0	1	0	0	0	0	0	0	0
0		0	0	0	0		0.145512										
59	1	135	234	0	1	161	0	0.5	0	1	0	0	0	0	0	0	0
0		0	0	0	0		0.136497										

age	sex	trestbps	chol	fbs	restecg	thalach	exang	oldpeak	ca	target	cp_0	cp_1	cp_2	cp_3	thal_0	thal_1	thal_2
thal_3		slope_0	slope_1	slope_2	Response Value		Estimated Probability										
61	1	134	234	0	1	145	0	2.6	2	0	0	0	0	0	0	0	0
0		0	0	0	0		0.932414										
62	0	140	268	0	0	160	0	3.6	2	0	0	0	0	0	0	0	0
0		0	0	0	0		0.810707										
59	1	126	218	1	1	134	0	2.2	1	0	0	0	0	0	0	0	0
0		0	0	0	0		0.720816										
55	1	130	262	0	1	155	0	0	0	1	0	0	0	0	0	0	0
0		0	0	0	0		0.160977										
64	1	120	246	0	0	96	1	2.2	1	0	0	0	0	0	0	0	0
0		0	0	0	0		0.991217										
42	1	140	226	0	1	178	0	0	0	1	0	0	0	0	0	0	0
0		0	0	0	0		0.104078										
50	0	120	244	0	1	162	0	1.1	0	1	0	0	0	0	0	0	0
0		0	0	0	0		0.032282										
62	1	120	267	0	1	99	1	1.8	2	0	0	0	0	0	0	0	0
0		0	0	0	0		0.995905										
58	0	136	319	1	0	152	0	0	2	0	0	0	0	0	0	0	0
0		0	0	0	0		0.520502										
45	1	104	208	0	0	148	1	3	0	1	0	0	0	0	0	0	0
0		0	0	0	0		0.799255										
66	1	112	212	0	0	132	1	0.1	1	0	0	0	0	0	0	0	0
0		0	0	0	0		0.881975										
46	1	120	249	0	0	144	0	0.8	0	0	0	0	0	0	0	0	0
0		0	0	0	0		0.370979										
65	1	135	254	0	0	127	0	2.8	1	0	0	0	0	0	0	0	0
0		0	0	0	0		0.927956										
47	1	130	253	0	1	179	0	0	0	1	0	0	0	0	0	0	0
0		0	0	0	0		0.086393										
59	1	134	204	0	1	162	0	0.8	2	0	0	0	0	0	0	0	0
0		0	0	0	0		0.740212										
38	1	120	231	0	1	182	1	3.8	0	0	0	0	0	0	0	0	0
0		0	0	0	0		0.68827										
39	1	118	219	0	1	140	0	1.2	0	0	0	0	0	0	0	0	0
0		0	0	0	0		0.343523										

age	sex	trestbps	chol	fbs	restecg	thalach	exang	oldpeak	ca	target	cp_0	cp_1	cp_2	cp_3	thal_0	thal_1	thal_2
thal_3		slope_0	slope_1	slope_2	Response Value		Estimated Probability										
58	1	146	218	0	1	105	0	2	1	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0.941787										
54	1	140	239	0	1	160	0	1.2	0	1	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0.229509										
61	0	130	330	0	0	169	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0.036518										
57	1	130	131	0	1	115	1	1.2	1	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0.943267										
54	1	110	206	0	0	108	1	0	1	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0.957024										
42	1	120	240	1	1	194	0	0.8	0	1	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0.042305										
54	1	124	266	0	0	109	1	2.2	1	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0.991488										
60	1	130	206	0	0	132	1	2.4	2	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0.991946										
65	1	135	254	0	0	127	0	2.8	1	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0.927956										
40	1	152	223	0	1	181	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0.121947										
51	0	140	308	0	0	142	0	1.5	1	1	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0.620986										
38	1	120	231	0	1	182	1	3.8	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0.68827										
42	1	130	180	0	1	150	0	0	0	1	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0.160769										
56	1	120	240	0	1	169	0	0	0	1	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0.072494										
43	1	130	315	0	1	162	0	1.9	1	1	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0.804108										
64	1	140	335	0	1	158	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0.211874										
49	0	134	271	0	1	162	0	0	0	1	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0.032576										

[illegible]







[illegible]

age	sex	trestbps	chol	fbs	restecg	thalach	exang	oldpeak	ca	target	cp_0	cp_1	cp_2	cp_3	thal_0	thal_1	thal_2
thal_3		slope_0		slope_1		slope_2		Response Value		Estimated Probability							
60	1	125		258	0	0		141	1	2.8	1	0	0	0	0	0	0
0		0		0		0		0.974794									
47	1	110		275	0	0		118	1	1	1	0	0	0	0	0	0
0		0		0		0		0.979318									
50	0	110		254	0	0		159	0	0	0	1	0	0	0	0	0
0		0		0		0		0.028554									
54	1	120		188	0	1		113	0	1.4	1	0	0	0	0	0	0
0		0		0		0		0.830403									

age	sex	trestbps	chol	fbs	restecg	thalach	exang	oldpeak	ca	target	cp_0	cp_1	cp_2	cp_3	thal_0	thal_1	thal_2
thal_3		slope_0	slope_1	slope_2	From: target		Into: target		Predicted Probability: target=0		Predicted Probability: target=1						
62	0	138	294	1	1	106	0	1.9	3	0	0	0	0	0	0	0	0
0		0	0	0	0	0		0.766798		0.233202							
52	1	128	204	1	1	156	1	1	0	0	0	0	0	0	0	0	0
0		0	0	0	0	1		0.411584		0.588416							
50	0	120	244	0	1	162	0	1.1	0	1	0	0	0	0	0	0	0
0		0	0	0	1	1		0.032282		0.967718							
61	0	145	307	0	0	146	1	1	0	0	0	0	0	0	0	0	0
0		0	0	0	0	1		0.456046		0.543954							
44	1	130	233	0	1	179	1	0.4	0	1	0	0	0	0	0	0	0
0		0	0	0	1	1		0.35916		0.64084							
50	0	120	244	0	1	162	0	1.1	0	1	0	0	0	0	0	0	0
0		0	0	0	1	1		0.032282		0.967718							
57	1	130	131	0	1	115	1	1.2	1	0	0	0	0	0	0	0	0
0		0	0	0	0	0		0.943267		0.056733							
46	1	150	231	0	1	147	0	3.6	0	0	0	0	0	0	0	0	0
0		0	0	0	0	0		0.674463		0.325537							
59	1	138	271	0	0	182	0	0	0	1	0	0	0	0	0	0	0
0		0	0	0	1	1		0.107036		0.892964							
42	1	140	226	0	1	178	0	0	0	1	0	0	0	0	0	0	0
0		0	0	0	1	1		0.104078		0.895922							
55	1	140	217	0	1	111	1	5.6	0	0	0	0	0	0	0	0	0
0		0	0	0	0	0		0.982531		0.017469							
56	1	120	193	0	0	162	0	1.9	0	1	0	0	0	0	0	0	0
0		0	0	0	1	1		0.204909		0.795091							
48	1	130	245	0	0	180	0	0.2	0	1	0	0	0	0	0	0	0
0		0	0	0	1	1		0.120577		0.879423							
67	1	152	212	0	0	150	0	0.8	0	0	0	0	0	0	0	0	0
0		0	0	0	0	1		0.282895		0.717105							
57	1	154	232	0	0	164	0	0	1	0	0	0	0	0	0	0	0
0		0	0	0	0	0		0.603977		0.396023							
29	1	130	204	0	0	202	0	0	0	1	0	0	0	0	0	0	0
0		0	0	0	1	1		0.06827		0.93173							

age	sex	trestbps	chol	fbs	restecg	thalach	exang	oldpeak	ca	target	cp_0	cp_1	cp_2	cp_3	thal_0	thal_1	thal_2
thal_3		slope_0	slope_1	slope_2	From: target		Into: target		Predicted Probability: target=0		Predicted Probability: target=1						
59	1	170	288	0	0	159	0	0.2	0	0	0	0	0	0	0	0	0
0		0	0	0	0	1		0.399602		0.600398							
53	1	130	197	1	0	152	0	1.2	0	1	0	0	0	0	0	0	0
0		0	0	0	1	1		0.197195		0.802805							
62	0	160	164	0	0	145	0	6.2	3	0	0	0	0	0	0	0	0
0		0	0	0	0	0		0.891204		0.108796							
63	1	140	187	0	0	144	1	4	2	0	0	0	0	0	0	0	0
0		0	0	0	0	0		0.993884		0.006116							
54	0	108	267	0	0	167	0	0	0	1	0	0	0	0	0	0	0
0		0	0	0	1	1		0.020093		0.979907							
62	0	124	209	0	1	163	0	0	0	1	0	0	0	0	0	0	0
0		0	0	0	1	1		0.011774		0.988226							
65	1	110	248	0	0	158	0	0.6	2	0	0	0	0	0	0	0	0
0		0	0	0	0	0		0.755517		0.244483							
47	1	138	257	0	0	156	0	0	0	1	0	0	0	0	0	0	0
0		0	0	0	1	1		0.284165		0.715835							
62	1	120	281	0	0	103	0	1.4	1	0	0	0	0	0	0	0	0
0		0	0	0	0	0		0.940258		0.059742							
44	1	110	197	0	0	177	0	0	1	0	0	0	0	0	0	0	0
0		0	0	0	0	1		0.301955		0.698045							
53	1	142	226	0	0	111	1	0	0	1	0	0	0	0	0	0	0
0		0	0	0	1	0		0.887802		0.112198							
43	1	120	177	0	0	120	1	2.5	0	0	0	0	0	0	0	0	0
0		0	0	0	0	0		0.91371		0.08629							
42	1	120	295	0	1	162	0	0	0	1	0	0	0	0	0	0	0
0		0	0	0	1	1		0.179582		0.820418							
65	0	140	417	1	0	157	0	0.8	1	1	0	0	0	0	0	0	0
0		0	0	0	1	1		0.389298		0.610702							
66	1	120	302	0	0	151	0	0.4	0	1	0	0	0	0	0	0	0
0		0	0	0	1	1		0.235593		0.764407							
58	0	170	225	1	0	146	1	2.8	2	0	0	0	0	0	0	0	0
0		0	0	0	0	0		0.963903		0.036097							

age	sex	trestbps	chol	fbs	restecg	thalach	exang	oldpeak	ca	target	cp_0	cp_1	cp_2	cp_3	thal_0	thal_1	thal_2
thal_3		slope_0	slope_1	slope_2	From: target		Into: target		Predicted Probability: target=0		Predicted Probability: target=1						
64	0	180	325	0	1	154	1	0	0	1	0	0	0	0	0	0	0
0	0	0	0	1		1		0.365665	0.634335								
47	1	138	257	0	0	156	0	0	0	1	0	0	0	0	0	0	0
0	0	0	0	1		1		0.284165	0.715835								
34	1	118	182	0	0	174	0	0	0	1	0	0	0	0	0	0	0
0	0	0	0	1		1		0.105682	0.894318								
47	1	112	204	0	1	143	0	0.1	0	1	0	0	0	0	0	0	0
0	0	0	0	1		1		0.153277	0.846723								
51	0	120	295	0	0	157	0	0.6	0	1	0	0	0	0	0	0	0
0	0	0	0	1		1		0.06152	0.93848								
54	1	120	258	0	0	147	0	0.4	0	1	0	0	0	0	0	0	0
0	0	0	0	1		1		0.271742	0.728258								
43	1	130	315	0	1	162	0	1.9	1	1	0	0	0	0	0	0	0
0	0	0	0	1		0		0.804108	0.195892								
56	1	130	283	1	0	103	1	1.6	0	0	0	0	0	0	0	0	0
0	0	0	0	0		0		0.937663	0.062337								
44	1	110	197	0	0	177	0	0	1	0	0	0	0	0	0	0	0
0	0	0	0	0		1		0.301955	0.698045								
57	1	165	289	1	0	124	0	1	3	0	0	0	0	0	0	0	0
0	0	0	0	0		0		0.952789	0.047211								
63	1	130	254	0	0	147	0	1.4	1	0	0	0	0	0	0	0	0
0	0	0	0	0		0		0.75916	0.24084								
56	1	130	221	0	0	163	0	0	0	1	0	0	0	0	0	0	0
0	0	0	0	1		1		0.136002	0.863998								
69	1	160	234	1	0	131	0	0.1	1	1	0	0	0	0	0	0	0
0	0	0	0	1		0		0.740097	0.259903								
50	1	144	200	0	0	126	1	0.9	0	0	0	0	0	0	0	0	0
0	0	0	0	0		0		0.867373	0.132627								
66	0	146	278	0	0	152	0	0	1	1	0	0	0	0	0	0	0
0	0	0	0	1		1		0.258342	0.741658								
41	1	112	250	0	1	179	0	0	0	1	0	0	0	0	0	0	0
0	0	0	0	1		1		0.070202	0.929798								

age	sex	trestbps	chol	fbs	restecg	thalach	exang	oldpeak	ca	target	cp_0	cp_1	cp_2	cp_3	thal_0	thal_1	thal_2
thal_3		slope_0	slope_1	slope_2	From: target		Into: target		Predicted Probability: target=0		Predicted Probability: target=1						
51	1	140	261	0	0	186	1	0	0	1	0	0	0	0	0	0	0
0		0	0	0	1	1		0.397708		0.602292							
67	1	152	212	0	0	150	0	0.8	0	0	0	0	0	0	0	0	0
0		0	0	0	0	1		0.282895		0.717105							
54	1	192	283	0	0	195	0	0	1	0	0	0	0	0	0	0	0
0		0	0	0	0	0		0.626731		0.373269							
42	1	130	180	0	1	150	0	0	0	1	0	0	0	0	0	0	0
0		0	0	0	1	1		0.160769		0.839231							
55	1	132	353	0	1	132	1	1.2	1	0	0	0	0	0	0	0	0
0		0	0	0	0	0		0.978042		0.021958							
57	1	165	289	1	0	124	0	1	3	0	0	0	0	0	0	0	0
0		0	0	0	0	0		0.952789		0.047211							
35	1	120	198	0	1	130	1	1.6	0	0	0	0	0	0	0	0	0
0		0	0	0	0	0		0.826416		0.173584							
58	0	170	225	1	0	146	1	2.8	2	0	0	0	0	0	0	0	0
0		0	0	0	0	0		0.963903		0.036097							
39	0	138	220	0	1	152	0	0	0	1	0	0	0	0	0	0	0
0		0	0	0	1	1		0.047333		0.952667							
66	1	160	228	0	0	138	0	2.3	0	1	0	0	0	0	0	0	0
0		0	0	0	1	0		0.619624		0.380376							
57	1	132	207	0	1	168	1	0	0	1	0	0	0	0	0	0	0
0		0	0	0	1	1		0.296312		0.703688							
55	1	160	289	0	0	145	1	0.8	1	0	0	0	0	0	0	0	0
0		0	0	0	0	0		0.975741		0.024259							
58	1	132	224	0	0	173	0	3.2	2	0	0	0	0	0	0	0	0
0		0	0	0	0	0		0.90466		0.09534							
64	0	140	313	0	1	133	0	0.2	0	1	0	0	0	0	0	0	0
0		0	0	0	1	1		0.094311		0.905689							
40	1	152	223	0	1	181	0	0	0	0	0	0	0	0	0	0	0
0		0	0	0	0	1		0.121947		0.878053							
59	1	150	212	1	1	157	0	1.6	0	1	0	0	0	0	0	0	0
0		0	0	0	1	1		0.188671		0.811329							

age	sex	trestbps	chol	fbs	restecg	thalach	exang	oldpeak	ca	target	cp_0	cp_1	cp_2	cp_3	thal_0	thal_1	thal_2
thal_3		slope_0	slope_1	slope_2	From: target		Into: target		Predicted Probability: target=0		Predicted Probability: target=1						
67	1	100	299	0	0	125	1	0.9	2	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0.985168	0.014832								
48	0	130	275	0	1	139	0	0.2	0	1	0	0	0	0	0	0	0
0	0	0	0	0	1	1	0	0.076584	0.923416								
56	0	140	294	0	0	153	0	1.3	0	1	0	0	0	0	0	0	0
0	0	0	0	0	1	1	0	0.119706	0.880294								
54	0	110	214	0	1	158	0	1.6	0	1	0	0	0	0	0	0	0
0	0	0	0	0	1	1	0	0.02774	0.97226								
60	1	130	206	0	0	132	1	2.4	2	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0.991946	0.008054								
56	1	130	256	1	0	142	1	0.6	1	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0.917847	0.082153								
57	1	124	261	0	1	141	0	0.3	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	1	0	0.232422	0.767578								
53	1	130	246	1	0	173	0	0	3	1	0	0	0	0	0	0	0
0	0	0	0	0	1	1	0	0.46429	0.53571								
43	0	132	341	1	0	136	1	3	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0.758402	0.241598								
54	0	110	214	0	1	158	0	1.6	0	1	0	0	0	0	0	0	0
0	0	0	0	0	1	1	0	0.02774	0.97226								
58	1	120	284	0	0	160	0	1.8	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	1	0	0.316974	0.683026								
66	1	160	228	0	0	138	0	2.3	0	1	0	0	0	0	0	0	0
0	0	0	0	0	1	0	0	0.619624	0.380376								
63	1	145	233	1	0	150	0	2.3	0	1	0	0	0	0	0	0	0
0	0	0	0	0	1	1	0	0.36266	0.63734								
66	0	146	278	0	0	152	0	0	1	1	0	0	0	0	0	0	0
0	0	0	0	0	1	1	0	0.258342	0.741658								
66	1	160	228	0	0	138	0	2.3	0	1	0	0	0	0	0	0	0
0	0	0	0	0	1	0	0	0.619624	0.380376								
71	0	112	149	0	1	125	0	1.6	0	1	0	0	0	0	0	0	0
0	0	0	0	0	1	1	0	0.037721	0.962279								



age	sex	trestbps	chol	fbs	restecg	thalach	exang	oldpeak	ca	target	cp_0	cp_1	cp_2	cp_3	thal_0	thal_1	thal_2
thal_3		slope_0	slope_1	slope_2	From: target		Into: target		Predicted Probability: target=0		Predicted Probability: target=1						
70	1	156	245	0	0	143	0	0	0	1	0	0	0	0	0	0	0
0	0	0	0	0	1		1	0.307169		0.692831							
56	1	130	256	1	0	142	1	0.6	1	0	0	0	0	0	0	0	0
0	0	0	0	0	0		0	0.917847		0.082153							
46	0	138	243	0	0	152	1	0	0	1	0	0	0	0	0	0	0
0	0	0	0	0	1		1	0.26961		0.73039							
41	0	105	198	0	1	168	0	0	1	1	0	0	0	0	0	0	0
0	0	0	0	0	1		1	0.061586		0.938414							
57	0	128	303	0	0	159	0	0	1	1	0	0	0	0	0	0	0
0	0	0	0	0	1		1	0.221125		0.778875							
42	0	102	265	0	0	122	0	0.6	0	1	0	0	0	0	0	0	0
0	0	0	0	0	1		1	0.145512		0.854488							
57	1	150	168	0	1	174	0	1.6	0	1	0	0	0	0	0	0	0
0	0	0	0	0	1		1	0.130079		0.869921							
47	1	108	243	0	1	152	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0		1	0.129929		0.870071							
57	1	150	168	0	1	174	0	1.6	0	1	0	0	0	0	0	0	0
0	0	0	0	0	1		1	0.130079		0.869921							
52	1	128	205	1	1	184	0	0	0	1	0	0	0	0	0	0	0
0	0	0	0	0	1		1	0.030127		0.969873							
53	1	130	246	1	0	173	0	0	3	1	0	0	0	0	0	0	0
0	0	0	0	0	1		1	0.46429		0.53571							
49	0	134	271	0	1	162	0	0	0	1	0	0	0	0	0	0	0
0	0	0	0	0	1		1	0.032576		0.967424							
69	1	160	234	1	0	131	0	0.1	1	1	0	0	0	0	0	0	0
0	0	0	0	0	1		0	0.740097		0.259903							
48	1	124	255	1	1	175	0	0	2	1	0	0	0	0	0	0	0
0	0	0	0	0	1		0	0.56082		0.43918							
64	0	140	313	0	1	133	0	0.2	0	1	0	0	0	0	0	0	0
0	0	0	0	0	1		1	0.094311		0.905689							
58	0	130	197	0	1	131	0	0.6	0	1	0	0	0	0	0	0	0
0	0	0	0	0	1		1	0.05554		0.94446							

age	sex	trestbps	chol	fbs	restecg	thalach	exang	oldpeak	ca	target	cp_0	cp_1	cp_2	cp_3	thal_0	thal_1	thal_2
								Predicted Probability: target=0		Predicted Probability: target=1							
thal_3	slope_0	slope_1	slope_2	From: target		Into: target											
57	1	128	229	0	0	150	0	0.4	1	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0.633815	0.366185								
51	0	130	305	0	1	142	1	1.2	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	1	0	0.405639	0.594361								
63	0	150	407	0	0	154	0	4	3	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0.899797	0.100203								
51	1	140	298	0	1	122	1	4.2	3	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0.99726	0.00274								
35	1	122	192	0	1	174	0	0	0	1	0	0	0	0	0	0	0
0	0	0	0	0	1	1	0	0.082143	0.917857								
65	1	135	254	0	0	127	0	2.8	1	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0.927956	0.072044								
57	1	150	168	0	1	174	0	1.6	0	1	0	0	0	0	0	0	0
0	0	0	0	0	1	1	0	0.130079	0.869921								
55	1	132	353	0	1	132	1	1.2	1	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0.978042	0.021958								
57	1	154	232	0	0	164	0	0	1	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0.603977	0.396023								
35	0	138	183	0	1	182	0	1.4	0	1	0	0	0	0	0	0	0
0	0	0	0	0	1	1	0	0.026531	0.973469								
56	0	200	288	1	0	133	1	4	2	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0.995558	0.004442								
54	0	132	288	1	0	159	1	0	1	1	0	0	0	0	0	0	0
0	0	0	0	0	1	0	0	0.509465	0.490535								
44	1	112	290	0	0	153	0	0	1	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0.670545	0.329455								
44	1	120	220	0	1	170	0	0	0	1	0	0	0	0	0	0	0
0	0	0	0	0	1	1	0	0.084916	0.915084								
49	1	120	188	0	1	139	0	2	3	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0.821881	0.178119								
61	1	148	203	0	1	161	0	0	1	0	0	0	0	0	0	0	0
0	0	0	0	0	0	1	0	0.424015	0.575985								

age	sex	trestbps	chol	fbs	restecg	thalach	exang	oldpeak	ca	target	cp_0	cp_1	cp_2	cp_3	thal_0	thal_1	thal_2
thal_3		slope_0	slope_1	slope_2	From: target		Into: target		Predicted Probability: target=0		Predicted Probability: target=1						
54	0	108	267	0	0	167	0	0	0	1	0	0	0	0	0	0	0
0		0	0	0	1	1		0.020093		0.979907							
62	0	140	394	0	0	157	0	1.2	0	1	0	0	0	0	0	0	0
0		0	0	0	1	1		0.157162		0.842838							
67	0	106	223	0	1	142	0	0.3	2	1	0	0	0	0	0	0	0
0		0	0	0	1	1		0.281709		0.718291							
68	1	118	277	0	1	151	0	1	1	1	0	0	0	0	0	0	0
0		0	0	0	1	0		0.545576		0.454424							
44	1	112	290	0	0	153	0	0	1	0	0	0	0	0	0	0	0
0		0	0	0	0	0		0.670545		0.329455							
52	1	152	298	1	1	178	0	1.2	0	1	0	0	0	0	0	0	0
0		0	0	0	1	1		0.170938		0.829062							
58	1	120	284	0	0	160	0	1.8	0	0	0	0	0	0	0	0	0
0		0	0	0	0	1		0.316974		0.683026							
62	0	130	263	0	1	97	0	1.2	1	0	0	0	0	0	0	0	0
0		0	0	0	0	0		0.683478		0.316522							
63	0	140	195	0	1	179	0	0	2	1	0	0	0	0	0	0	0
0		0	0	0	1	1		0.14368		0.85632							
49	1	130	266	0	1	171	0	0.6	0	1	0	0	0	0	0	0	0
0		0	0	0	1	1		0.14611		0.85389							
65	1	110	248	0	0	158	0	0.6	2	0	0	0	0	0	0	0	0
0		0	0	0	0	0		0.755517		0.244483							
57	1	152	274	0	1	88	1	1.2	1	0	0	0	0	0	0	0	0
0		0	0	0	0	0		0.994659		0.005341							
61	1	134	234	0	1	145	0	2.6	2	0	0	0	0	0	0	0	0
0		0	0	0	0	0		0.932414		0.067586							
58	1	132	224	0	0	173	0	3.2	2	0	0	0	0	0	0	0	0
0		0	0	0	0	0		0.90466		0.09534							
49	1	130	266	0	1	171	0	0.6	0	1	0	0	0	0	0	0	0
0		0	0	0	1	1		0.14611		0.85389							
52	1	125	212	0	1	168	0	1	2	0	0	0	0	0	0	0	0
0		0	0	0	0	0		0.728055		0.271945							

age	sex	trestbps	chol	fbs	restecg	thalach	exang	oldpeak	ca	target	cp_0	cp_1	cp_2	cp_3	thal_0	thal_1	thal_2
thal_3		slope_0	slope_1	slope_2	From: target		Into: target		Predicted Probability: target=0		Predicted Probability: target=1						
66	0	150	226	0	1	114	0	2.6	0	1	0	0	0	0	0	0	0
0		0	0	0	1	1		0.283672			0.716328						
57	0	130	236	0	0	174	0	0	1	0	0	0	0	0	0	0	0
0		0	0	0	0	1		0.098035			0.901965						
58	1	114	318	0	2	140	0	4.4	3	0	0	0	0	0	0	0	0
0		0	0	0	0	0		0.979349			0.020651						
47	1	112	204	0	1	143	0	0.1	0	1	0	0	0	0	0	0	0
0		0	0	0	1	1		0.153277			0.846723						
58	0	100	248	0	0	122	0	1	0	1	0	0	0	0	0	0	0
0		0	0	0	1	1		0.099234			0.900766						
65	0	140	417	1	0	157	0	0.8	1	1	0	0	0	0	0	0	0
0		0	0	0	1	1		0.389298			0.610702						
29	1	130	204	0	0	202	0	0	0	1	0	0	0	0	0	0	0
0		0	0	0	1	1		0.06827			0.93173						
52	1	125	212	0	1	168	0	1	2	0	0	0	0	0	0	0	0
0		0	0	0	0	0		0.728055			0.271945						
54	1	120	258	0	0	147	0	0.4	0	1	0	0	0	0	0	0	0
0		0	0	0	1	1		0.271742			0.728258						
63	1	130	330	1	0	132	1	1.8	3	0	0	0	0	0	0	0	0
0		0	0	0	0	0		0.983637			0.016363						
68	1	180	274	1	0	150	1	1.6	0	0	0	0	0	0	0	0	0
0		0	0	0	0	0		0.83717			0.16283						
42	1	120	295	0	1	162	0	0	0	1	0	0	0	0	0	0	0
0		0	0	0	1	1		0.179582			0.820418						
43	1	120	177	0	0	120	1	2.5	0	0	0	0	0	0	0	0	0
0		0	0	0	0	0		0.91371			0.08629						
60	1	140	185	0	0	155	0	3	0	0	0	0	0	0	0	0	0
0		0	0	0	0	1		0.412068			0.587932						
52	1	128	204	1	1	156	1	1	0	0	0	0	0	0	0	0	0
0		0	0	0	0	1		0.411584			0.588416						
58	1	125	300	0	0	171	0	0	2	0	0	0	0	0	0	0	0
0		0	0	0	0	0		0.777479			0.222521						

age	sex	trestbps	chol	fbs	restecg	thalach	exang	oldpeak	ca	target	cp_0	cp_1	cp_2	cp_3	thal_0	thal_1	thal_2
thal_3		slope_0	slope_1	slope_2	From: target		Into: target		Predicted Probability: target=0		Predicted Probability: target=1						
39	1	118	219	0	1	140	0	1.2	0	0	0	0	0	0	0	0	0
0		0	0	0	0	1		0.343523		0.656477							
41	1	130	214	0	0	168	0	2	0	1	0	0	0	0	0	0	0
0		0	0	0	1	1		0.321216		0.678784							
45	1	110	264	0	1	132	0	1.2	0	0	0	0	0	0	0	0	0
0		0	0	0	0	1		0.403793		0.596207							
56	1	130	221	0	0	163	0	0	0	1	0	0	0	0	0	0	0
0		0	0	0	1	1		0.136002		0.863998							
56	1	130	256	1	0	142	1	0.6	1	0	0	0	0	0	0	0	0
0		0	0	0	0	0		0.917847		0.082153							
64	1	140	335	0	1	158	0	0	0	0	0	0	0	0	0	0	0
0		0	0	0	0	1		0.211874		0.788126							
46	1	140	311	0	1	120	1	1.8	2	0	0	0	0	0	0	0	0
0		0	0	0	0	0		0.997277		0.002723							
44	1	120	220	0	1	170	0	0	0	1	0	0	0	0	0	0	0
0		0	0	0	1	1		0.084916		0.915084							
51	1	94	227	0	1	154	1	0	1	1	0	0	0	0	0	0	0
0		0	0	0	1	0		0.714554		0.285446							
50	1	129	196	0	1	163	0	0	0	1	0	0	0	0	0	0	0
0		0	0	0	1	1		0.093772		0.906228							
52	1	128	255	0	1	161	1	0	1	0	0	0	0	0	0	0	0
0		0	0	0	0	0		0.822742		0.177258							
51	1	100	222	0	1	143	1	1.2	0	1	0	0	0	0	0	0	0
0		0	0	0	1	0		0.547814		0.452186							
64	1	140	335	0	1	158	0	0	0	0	0	0	0	0	0	0	0
0		0	0	0	0	1		0.211874		0.788126							
55	1	130	262	0	1	155	0	0	0	1	0	0	0	0	0	0	0
0		0	0	0	1	1		0.160977		0.839023							
63	1	140	187	0	0	144	1	4	2	0	0	0	0	0	0	0	0
0		0	0	0	0	0		0.993884		0.006116							
45	0	138	236	0	0	152	1	0.2	0	1	0	0	0	0	0	0	0
0		0	0	0	1	1		0.283866		0.716134							

age	sex	trestbps	chol	fbs	restecg	thalach	exang	oldpeak	ca	target	cp_0	cp_1	cp_2	cp_3	thal_0	thal_1	thal_2
thal_3		slope_0	slope_1	slope_2	From: target		Into: target	Predicted Probability: target=0		Predicted Probability: target=1							
65	0	150	225	0	0	114	0	1	3	0	0	0	0	0	0	0	0
0		0	0	0	0	0		0.73317		0.26683							
48	0	130	275	0	1	139	0	0.2	0	1	0	0	0	0	0	0	0
0		0	0	0	1	1		0.076584		0.923416							
53	1	123	282	0	1	95	1	2	2	0	0	0	0	0	0	0	0
0		0	0	0	0	0		0.997876		0.002124							
59	1	134	204	0	1	162	0	0.8	2	0	0	0	0	0	0	0	0
0		0	0	0	0	0		0.740212		0.259788							
56	1	120	240	0	1	169	0	0	0	1	0	0	0	0	0	0	0
0		0	0	0	1	1		0.072494		0.927506							
55	1	160	289	0	0	145	1	0.8	1	0	0	0	0	0	0	0	0
0		0	0	0	0	0		0.975741		0.024259							
67	1	125	254	1	1	163	0	0.2	2	0	0	0	0	0	0	0	0
0		0	0	0	0	0		0.560237		0.439763							
61	1	134	234	0	1	145	0	2.6	2	0	0	0	0	0	0	0	0
0		0	0	0	0	0		0.932414		0.067586							
62	1	128	208	1	0	140	0	0	0	1	0	0	0	0	0	0	0
0		0	0	0	1	1		0.150374		0.849626							
41	1	135	203	0	1	132	0	0	0	1	0	0	0	0	0	0	0
0		0	0	0	1	1		0.330396		0.669604							
57	1	124	261	0	1	141	0	0.3	0	0	0	0	0	0	0	0	0
0		0	0	0	0	1		0.232422		0.767578							
62	1	128	208	1	0	140	0	0	0	1	0	0	0	0	0	0	0
0		0	0	0	1	1		0.150374		0.849626							
51	1	125	213	0	0	125	1	1.4	1	1	0	0	0	0	0	0	0
0		0	0	0	1	0		0.97237		0.02763							
70	1	145	174	0	1	125	1	2.6	0	0	0	0	0	0	0	0	0
0		0	0	0	0	0		0.825009		0.174991							
35	0	138	183	0	1	182	0	1.4	0	1	0	0	0	0	0	0	0
0		0	0	0	1	1		0.026531		0.973469							
59	1	160	273	0	0	125	0	0	0	0	0	0	0	0	0	0	0
0		0	0	0	0	0		0.606419		0.393581							

age	sex	trestbps	chol	fbs	restecg	thalach	exang	oldpeak	ca	target	cp_0	cp_1	cp_2	cp_3	thal_0	thal_1	thal_2
thal_3		slope_0	slope_1	slope_2	From: target		Into: target		Predicted Probability: target=0		Predicted Probability: target=1						
60	1	140	293	0	0	170	0	1.2	2	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0.884637		0.115363							
68	0	120	211	0	0	115	0	1.5	0	1	0	0	0	0	0	0	0
0	0	0	0	0	1	1	1	0.136547		0.863453							
43	1	115	303	0	1	181	0	1.2	0	1	0	0	0	0	0	0	0
0	0	0	0	0	1	1	1	0.147931		0.852069							
59	1	160	273	0	0	125	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0.606419		0.393581							
60	1	130	206	0	0	132	1	2.4	2	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0.991946		0.008054							
61	1	140	207	0	0	138	1	1.9	1	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0.964372		0.035628							
54	1	120	188	0	1	113	0	1.4	1	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0.830403		0.169597							
57	1	154	232	0	0	164	0	0	1	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0.603977		0.396023							
61	1	120	260	0	1	140	1	3.6	1	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0.971568		0.028432							
55	0	128	205	0	2	130	1	2	1	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0.8935		0.1065							
42	0	102	265	0	0	122	0	0.6	0	1	0	0	0	0	0	0	0
0	0	0	0	0	1	1	1	0.145512		0.854488							
50	1	144	200	0	0	126	1	0.9	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0.867373		0.132627							
50	1	140	233	0	1	163	0	0.6	1	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0.560291		0.439709							
35	1	120	198	0	1	130	1	1.6	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0.826416		0.173584							
44	1	120	263	0	1	173	0	0	0	1	0	0	0	0	0	0	0
0	0	0	0	0	1	1	1	0.1002		0.8998							
53	1	142	226	0	0	111	1	0	0	1	0	0	0	0	0	0	0
0	0	0	0	0	1	0	0	0.887802		0.112198							

age	sex	trestbps	chol	fbs	restecg	thalach	exang	oldpeak	ca	target	cp_0	cp_1	cp_2	cp_3	thal_0	thal_1	thal_2
thal_3	slope_0	slope_1	slope_2	From: target		Into: target		Predicted Probability: target=0		Predicted Probability: target=1							
53	0	130	264	0	0	143	0	0.4	0	1	0	0	0	0	0	0	0
0	0	0	0	0	1		1	0.086069		0.913931							
52	0	136	196	0	0	169	0	0.1	0	1	0	0	0	0	0	0	0
0	0	0	0	0	1		1	0.022896		0.977104							
60	0	120	178	1	1	96	0	0	0	1	0	0	0	0	0	0	0
0	0	0	0	0	1		1	0.066472		0.933528							
51	1	125	245	1	0	166	0	2.4	0	1	0	0	0	0	0	0	0
0	0	0	0	0	1		1	0.250527		0.749473							
52	1	128	205	1	1	184	0	0	0	1	0	0	0	0	0	0	0
0	0	0	0	0	1		1	0.030127		0.969873							
60	1	117	230	1	1	160	1	1.4	2	0	0	0	0	0	0	0	0
0	0	0	0	0	0		0	0.917698		0.082302							
42	1	140	226	0	1	178	0	0	0	1	0	0	0	0	0	0	0
0	0	0	0	0	1		1	0.104078		0.895922							
56	1	120	193	0	0	162	0	1.9	0	1	0	0	0	0	0	0	0
0	0	0	0	0	1		1	0.204909		0.795091							
45	1	128	308	0	0	170	0	0	0	1	0	0	0	0	0	0	0
0	0	0	0	0	1		1	0.224341		0.775659							
48	1	110	229	0	1	168	0	1	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0		1	0.107478		0.892522							
65	1	138	282	1	0	174	0	1.4	1	0	0	0	0	0	0	0	0
0	0	0	0	0	0		0	0.510772		0.489228							
53	1	123	282	0	1	95	1	2	2	0	0	0	0	0	0	0	0
0	0	0	0	0	0		0	0.997876		0.002124							
41	1	110	172	0	0	158	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0		1	0.120501		0.879499							



Directory	
Libref	WORK
Engine	V9
Physical Name	/saswork/SAS_workDF660000D641_odaws02-apse1-2.oda.sas.com/SAS_work6FF80000D641_odaws02-apse1-2.oda.sas.com
Filename	/saswork/SAS_workDF660000D641_odaws02-apse1-2.oda.sas.com/SAS_work6FF80000D641_odaws02-apse1-2.oda.sas.com
Inode Number	67116673
Access Permission	rwX-----
Owner Name	u62513277
File Size	4KB
File Size (bytes)	4096

#	Name	Member Type	File Size	Last Modified
1	IMPORT	DATA	384KB	11/29/2022 11:55:53
2	IMPORT_PREDICTIONS	DATA	256KB	11/29/2022 11:55:59
3	IMPORT_SELECT	DATA	384KB	11/29/2022 11:55:53
4	IMPORT_TEST	DATA	256KB	11/29/2022 11:55:53
5	IMPORT_TRAIN	DATA	384KB	11/29/2022 11:55:53
6	IMPORT_TRAIN_LRMODEL	DATA	256KB	11/29/2022 11:55:54
7	IMPORT_TRAIN_LRMODEL_OUTPUT	DATA	384KB	11/29/2022 11:55:54