age,sex,cp,trestbps,chol,fbs,restecg,thalach,exang,oldpeak,slope,ca,thal,target

63,1,3,145,233,1,0,150,0,2.3,0,0,1,1

37,1,2,130,250,0,1,187,0,3.5,0,0,2,1

41,0,1,130,204,0,0,172,0,1.4,2,0,2,1

56,1,1,120,236,0,1,178,0,0.8,2,0,2,1

57,0,0,120,354,0,1,163,1,0.6,2,0,2,1

57,1,0,140,192,0,1,148,0,0.4,1,0,1,1

56,0,1,140,294,0,0,153,0,1.3,1,0,2,1

44,1,1,120,263,0,1,173,0,0,2,0,3,1

52,1,2,172,199,1,1,162,0,0.5,2,0,3,1

57,1,2,150,168,0,1,174,0,1.6,2,0,2,1

54,1,0,140,239,0,1,160,0,1.2,2,0,2,1

48,0,2,130,275,0,1,139,0,0.2,2,0,2,1

49,1,1,130,266,0,1,171,0,0.6,2,0,2,1

64,1,3,110,211,0,0,144,1,1.8,1,0,2,1

58,0,3,150,283,1,0,162,0,1,2,0,2,1

50,0,2,120,219,0,1,158,0,1.6,1,0,2,1

58,0,2,120,340,0,1,172,0,0,2,0,2,1

66,0,3,150,226,0,1,114,0,2.6,0,0,2,1

43,1,0,150,247,0,1,171,0,1.5,2,0,2,1

69,0,3,140,239,0,1,151,0,1.8,2,2,2,1

59,1,0,135,234,0,1,161,0,0.5,1,0,3,1

44,1,2,130,233,0,1,179,1,0.4,2,0,2,1

42,1,0,140,226,0,1,178,0,0,2,0,2,1

61,1,2,150,243,1,1,137,1,1,1,0,2,1

40,1,3,140,199,0,1,178,1,1.4,2,0,3,1

71,0,1,160,302,0,1,162,0,0.4,2,2,2,1

59,1,2,150,212,1,1,157,0,1.6,2,0,2,1

51,1,2,110,175,0,1,123,0,0.6,2,0,2,1

65,0,2,140,417,1,0,157,0,0.8,2,1,2,1

53,1,2,130,197,1,0,152,0,1.2,0,0,2,1

41,0,1,105,198,0,1,168,0,0,2,1,2,1

65,1,0,120,177,0,1,140,0,0.4,2,0,3,1

44,1,1,130,219,0,0,188,0,0,2,0,2,1

54,1,2,125,273,0,0,152,0,0.5,0,1,2,1

51,1,3,125,213,0,0,125,1,1.4,2,1,2,1

46,0,2,142,177,0,0,160,1,1.4,0,0,2,1

54,0,2,135,304,1,1,170,0,0,2,0,2,1

54,1,2,150,232,0,0,165,0,1.6,2,0,3,1

65,0,2,155,269,0,1,148,0,0.8,2,0,2,1

65,0,2,160,360,0,0,151,0,0.8,2,0,2,1

51,0,2,140,308,0,0,142,0,1.5,2,1,2,1

48,1,1,130,245,0,0,180,0,0.2,1,0,2,1

45,1,0,104,208,0,0,148,1,3,1,0,2,1

53,0,0,130,264,0,0,143,0,0.4,1,0,2,1

39,1,2,140,321,0,0,182,0,0,2,0,2,1

52,1,1,120,325,0,1,172,0,0.2,2,0,2,1

44,1,2,140,235,0,0,180,0,0,2,0,2,1

47,1,2,138,257,0,0,156,0,0,2,0,2,1

53,0,2,128,216,0,0,115,0,0,2,0,0,1

53,0,0,138,234,0,0,160,0,0,2,0,2,1

51,0,2,130,256,0,0,149,0,0.5,2,0,2,1

66,1,0,120,302,0,0,151,0,0.4,1,0,2,1

62,1,2,130,231,0,1,146,0,1.8,1,3,3,1

44,0,2,108,141,0,1,175,0,0.6,1,0,2,1

63,0,2,135,252,0,0,172,0,0,2,0,2,1

52,1,1,134,201,0,1,158,0,0.8,2,1,2,1

48,1,0,122,222,0,0,186,0,0,2,0,2,1

45,1,0,115,260,0,0,185,0,0,2,0,2,1

34,1,3,118,182,0,0,174,0,0,2,0,2,1

57,0,0,128,303,0,0,159,0,0,2,1,2,1

71,0,2,110,265,1,0,130,0,0,2,1,2,1

54,1,1,108,309,0,1,156,0,0,2,0,3,1

52,1,3,118,186,0,0,190,0,0,1,0,1,1

41,1,1,135,203,0,1,132,0,0,1,0,1,1

58,1,2,140,211,1,0,165,0,0,2,0,2,1

35,0,0,138,183,0,1,182,0,1.4,2,0,2,1

51,1,2,100,222,0,1,143,1,1.2,1,0,2,1

45,0,1,130,234,0,0,175,0,0.6,1,0,2,1

44,1,1,120,220,0,1,170,0,0,2,0,2,1

62,0,0,124,209,0,1,163,0,0,2,0,2,1

54,1,2,120,258,0,0,147,0,0.4,1,0,3,1

51,1,2,94,227,0,1,154,1,0,2,1,3,1

29,1,1,130,204,0,0,202,0,0,2,0,2,1

51,1,0,140,261,0,0,186,1,0,2,0,2,1

43,0,2,122,213,0,1,165,0,0.2,1,0,2,1

55,0,1,135,250,0,0,161,0,1.4,1,0,2,1

51,1,2,125,245,1,0,166,0,2.4,1,0,2,1

59,1,1,140,221,0,1,164,1,0,2,0,2,1

52,1,1,128,205,1,1,184,0,0,2,0,2,1

58,1,2,105,240,0,0,154,1,0.6,1,0,3,1

41,1,2,112,250,0,1,179,0,0,2,0,2,1

45,1,1,128,308,0,0,170,0,0,2,0,2,1

60,0,2,102,318,0,1,160,0,0,2,1,2,1

52,1,3,152,298,1,1,178,0,1.2,1,0,3,1

42,0,0,102,265,0,0,122,0,0.6,1,0,2,1

67,0,2,115,564,0,0,160,0,1.6,1,0,3,1

68,1,2,118,277,0,1,151,0,1,2,1,3,1

46,1,1,101,197,1,1,156,0,0,2,0,3,1

54,0,2,110,214,0,1,158,0,1.6,1,0,2,1

58,0,0,100,248,0,0,122,0,1,1,0,2,1

48,1,2,124,255,1,1,175,0,0,2,2,2,1

57,1,0,132,207,0,1,168,1,0,2,0,3,1

52,1,2,138,223,0,1,169,0,0,2,4,2,1

54,0,1,132,288,1,0,159,1,0,2,1,2,1

45,0,1,112,160,0,1,138,0,0,1,0,2,1

53,1,0,142,226,0,0,111,1,0,2,0,3,1

62,0,0,140,394,0,0,157,0,1.2,1,0,2,1

52,1,0,108,233,1,1,147,0,0.1,2,3,3,1

43,1,2,130,315,0,1,162,0,1.9,2,1,2,1

53,1,2,130,246,1,0,173,0,0,2,3,2,1

42,1,3,148,244,0,0,178,0,0.8,2,2,2,1

59,1,3,178,270,0,0,145,0,4.2,0,0,3,1

63,0,1,140,195,0,1,179,0,0,2,2,2,1

42,1,2,120,240,1,1,194,0,0.8,0,0,3,1

50,1,2,129,196,0,1,163,0,0,2,0,2,1

68,0,2,120,211,0,0,115,0,1.5,1,0,2,1

69,1,3,160,234,1,0,131,0,0.1,1,1,2,1

45,0,0,138,236,0,0,152,1,0.2,1,0,2,1

50,0,1,120,244,0,1,162,0,1.1,2,0,2,1

50,0,0,110,254,0,0,159,0,0,2,0,2,1

64,0,0,180,325,0,1,154,1,0,2,0,2,1

57,1,2,150,126,1,1,173,0,0.2,2,1,3,1

64,0,2,140,313,0,1,133,0,0.2,2,0,3,1

43,1,0,110,211,0,1,161,0,0,2,0,3,1

55,1,1,130,262,0,1,155,0,0,2,0,2,1

37,0,2,120,215,0,1,170,0,0,2,0,2,1

41,1,2,130,214,0,0,168,0,2,1,0,2,1

56,1,3,120,193,0,0,162,0,1.9,1,0,3,1

46,0,1,105,204,0,1,172,0,0,2,0,2,1

46,0,0,138,243,0,0,152,1,0,1,0,2,1

64,0,0,130,303,0,1,122,0,2,1,2,2,1

59,1,0,138,271,0,0,182,0,0,2,0,2,1

41,0,2,112,268,0,0,172,1,0,2,0,2,1

54,0,2,108,267,0,0,167,0,0,2,0,2,1

39,0,2,94,199,0,1,179,0,0,2,0,2,1

34,0,1,118,210,0,1,192,0,0.7,2,0,2,1

47,1,0,112,204,0,1,143,0,0.1,2,0,2,1

67,0,2,152,277,0,1,172,0,0,2,1,2,1

52,0,2,136,196,0,0,169,0,0.1,1,0,2,1

74,0,1,120,269,0,0,121,1,0.2,2,1,2,1

54,0,2,160,201,0,1,163,0,0,2,1,2,1

49,0,1,134,271,0,1,162,0,0,1,0,2,1

42,1,1,120,295,0,1,162,0,0,2,0,2,1

41,1,1,110,235,0,1,153,0,0,2,0,2,1

41,0,1,126,306,0,1,163,0,0,2,0,2,1

49,0,0,130,269,0,1,163,0,0,2,0,2,1

60,0,2,120,178,1,1,96,0,0,2,0,2,1

62,1,1,128,208,1,0,140,0,0,2,0,2,1

57,1,0,110,201,0,1,126,1,1.5,1,0,1,1

64,1,0,128,263,0,1,105,1,0.2,1,1,3,1

51,0,2,120,295,0,0,157,0,0.6,2,0,2,1

43,1,0,115,303,0,1,181,0,1.2,1,0,2,1

42,0,2,120,209,0,1,173,0,0,1,0,2,1

67,0,0,106,223,0,1,142,0,0.3,2,2,2,1

76,0,2,140,197,0,2,116,0,1.1,1,0,2,1

70,1,1,156,245,0,0,143,0,0,2,0,2,1

44,0,2,118,242,0,1,149,0,0.3,1,1,2,1

60,0,3,150,240,0,1,171,0,0.9,2,0,2,1

44,1,2,120,226,0,1,169,0,0,2,0,2,1

42,1,2,130,180,0,1,150,0,0,2,0,2,1

66,1,0,160,228,0,0,138,0,2.3,2,0,1,1

71,0,0,112,149,0,1,125,0,1.6,1,0,2,1

64,1,3,170,227,0,0,155,0,0.6,1,0,3,1

66,0,2,146,278,0,0,152,0,0,1,1,2,1

39,0,2,138,220,0,1,152,0,0,1,0,2,1

58,0,0,130,197,0,1,131,0,0.6,1,0,2,1

47,1,2,130,253,0,1,179,0,0,2,0,2,1

35,1,1,122,192,0,1,174,0,0,2,0,2,1

58,1,1,125,220,0,1,144,0,0.4,1,4,3,1

56,1,1,130,221,0,0,163,0,0,2,0,3,1

56,1,1,120,240,0,1,169,0,0,0,0,2,1

55,0,1,132,342,0,1,166,0,1.2,2,0,2,1

41,1,1,120,157,0,1,182,0,0,2,0,2,1

38,1,2,138,175,0,1,173,0,0,2,4,2,1

38,1,2,138,175,0,1,173,0,0,2,4,2,1

67,1,0,160,286,0,0,108,1,1.5,1,3,2,0

67,1,0,120,229,0,0,129,1,2.6,1,2,3,0

62,0,0,140,268,0,0,160,0,3.6,0,2,2,0

63,1,0,130,254,0,0,147,0,1.4,1,1,3,0

53,1,0,140,203,1,0,155,1,3.1,0,0,3,0

56,1,2,130,256,1,0,142,1,0.6,1,1,1,0

48,1,1,110,229,0,1,168,0,1,0,0,3,0

58,1,1,120,284,0,0,160,0,1.8,1,0,2,0

58,1,2,132,224,0,0,173,0,3.2,2,2,3,0

60,1,0,130,206,0,0,132,1,2.4,1,2,3,0

40,1,0,110,167,0,0,114,1,2,1,0,3,0

60,1,0,117,230,1,1,160,1,1.4,2,2,3,0

64,1,2,140,335,0,1,158,0,0,2,0,2,0

43,1,0,120,177,0,0,120,1,2.5,1,0,3,0

57,1,0,150,276,0,0,112,1,0.6,1,1,1,0

55,1,0,132,353,0,1,132,1,1.2,1,1,3,0

65,0,0,150,225,0,0,114,0,1,1,3,3,0

61,0,0,130,330,0,0,169,0,0,2,0,2,0

58,1,2,112,230,0,0,165,0,2.5,1,1,3,0

50,1,0,150,243,0,0,128,0,2.6,1,0,3,0

44,1,0,112,290,0,0,153,0,0,2,1,2,0

60,1,0,130,253,0,1,144,1,1.4,2,1,3,0

54,1,0,124,266,0,0,109,1,2.2,1,1,3,0

50,1,2,140,233,0,1,163,0,0.6,1,1,3,0

41,1,0,110,172,0,0,158,0,0,2,0,3,0

51,0,0,130,305,0,1,142,1,1.2,1,0,3,0

58,1,0,128,216,0,0,131,1,2.2,1,3,3,0

54,1,0,120,188,0,1,113,0,1.4,1,1,3,0

60,1,0,145,282,0,0,142,1,2.8,1,2,3,0

60,1,2,140,185,0,0,155,0,3,1,0,2,0

59,1,0,170,326,0,0,140,1,3.4,0,0,3,0

46,1,2,150,231,0,1,147,0,3.6,1,0,2,0

67,1,0,125,254,1,1,163,0,0.2,1,2,3,0

62,1,0,120,267,0,1,99,1,1.8,1,2,3,0

65,1,0,110,248,0,0,158,0,0.6,2,2,1,0

44,1,0,110,197,0,0,177,0,0,2,1,2,0

60,1,0,125,258,0,0,141,1,2.8,1,1,3,0

58,1,0,150,270,0,0,111,1,0.8,2,0,3,0

68,1,2,180,274,1,0,150,1,1.6,1,0,3,0

62,0,0,160,164,0,0,145,0,6.2,0,3,3,0

52,1,0,128,255,0,1,161,1,0,2,1,3,0

59,1,0,110,239,0,0,142,1,1.2,1,1,3,0

60,0,0,150,258,0,0,157,0,2.6,1,2,3,0

49,1,2,120,188,0,1,139,0,2,1,3,3,0

59,1,0,140,177,0,1,162,1,0,2,1,3,0

57,1,2,128,229,0,0,150,0,0.4,1,1,3,0

61,1,0,120,260,0,1,140,1,3.6,1,1,3,0

39,1,0,118,219,0,1,140,0,1.2,1,0,3,0

61,0,0,145,307,0,0,146,1,1,1,0,3,0

56,1,0,125,249,1,0,144,1,1.2,1,1,2,0

43,0,0,132,341,1,0,136,1,3,1,0,3,0

62,0,2,130,263,0,1,97,0,1.2,1,1,3,0

63,1,0,130,330,1,0,132,1,1.8,2,3,3,0

65,1,0,135,254,0,0,127,0,2.8,1,1,3,0

48,1,0,130,256,1,0,150,1,0,2,2,3,0

63,0,0,150,407,0,0,154,0,4,1,3,3,0

55,1,0,140,217,0,1,111,1,5.6,0,0,3,0

65,1,3,138,282,1,0,174,0,1.4,1,1,2,0

56,0,0,200,288,1,0,133,1,4,0,2,3,0

54,1,0,110,239,0,1,126,1,2.8,1,1,3,0

70,1,0,145,174,0,1,125,1,2.6,0,0,3,0

62,1,1,120,281,0,0,103,0,1.4,1,1,3,0

35,1,0,120,198,0,1,130,1,1.6,1,0,3,0

59,1,3,170,288,0,0,159,0,0.2,1,0,3,0

64,1,2,125,309,0,1,131,1,1.8,1,0,3,0

47,1,2,108,243,0,1,152,0,0,2,0,2,0

57,1,0,165,289,1,0,124,0,1,1,3,3,0

55,1,0,160,289,0,0,145,1,0.8,1,1,3,0

64,1,0,120,246,0,0,96,1,2.2,0,1,2,0

70,1,0,130,322,0,0,109,0,2.4,1,3,2,0

51,1,0,140,299,0,1,173,1,1.6,2,0,3,0

58,1,0,125,300,0,0,171,0,0,2,2,3,0

60,1,0,140,293,0,0,170,0,1.2,1,2,3,0

77,1,0,125,304,0,0,162,1,0,2,3,2,0

35,1,0,126,282,0,0,156,1,0,2,0,3,0

70,1,2,160,269,0,1,112,1,2.9,1,1,3,0

59,0,0,174,249,0,1,143,1,0,1,0,2,0

64,1,0,145,212,0,0,132,0,2,1,2,1,0

57,1,0,152,274,0,1,88,1,1.2,1,1,3,0

56,1,0,132,184,0,0,105,1,2.1,1,1,1,0

48,1,0,124,274,0,0,166,0,0.5,1,0,3,0

56,0,0,134,409,0,0,150,1,1.9,1,2,3,0

66,1,1,160,246,0,1,120,1,0,1,3,1,0

54,1,1,192,283,0,0,195,0,0,2,1,3,0

69,1,2,140,254,0,0,146,0,2,1,3,3,0

51,1,0,140,298,0,1,122,1,4.2,1,3,3,0

43,1,0,132,247,1,0,143,1,0.1,1,4,3,0

62,0,0,138,294,1,1,106,0,1.9,1,3,2,0

67,1,0,100,299,0,0,125,1,0.9,1,2,2,0

59,1,3,160,273,0,0,125,0,0,2,0,2,0

45,1,0,142,309,0,0,147,1,0,1,3,3,0

58,1,0,128,259,0,0,130,1,3,1,2,3,0

50,1,0,144,200,0,0,126,1,0.9,1,0,3,0

62,0,0,150,244,0,1,154,1,1.4,1,0,2,0

38,1,3,120,231,0,1,182,1,3.8,1,0,3,0

66,0,0,178,228,1,1,165,1,1,1,2,3,0

52,1,0,112,230,0,1,160,0,0,2,1,2,0

53,1,0,123,282,0,1,95,1,2,1,2,3,0

63,0,0,108,269,0,1,169,1,1.8,1,2,2,0

54,1,0,110,206,0,0,108,1,0,1,1,2,0

66,1,0,112,212,0,0,132,1,0.1,2,1,2,0

55,0,0,180,327,0,2,117,1,3.4,1,0,2,0

49,1,2,118,149,0,0,126,0,0.8,2,3,2,0

54,1,0,122,286,0,0,116,1,3.2,1,2,2,0

56,1,0,130,283,1,0,103,1,1.6,0,0,3,0

46,1,0,120,249,0,0,144,0,0.8,2,0,3,0

61,1,3,134,234,0,1,145,0,2.6,1,2,2,0

67,1,0,120,237,0,1,71,0,1,1,0,2,0

58,1,0,100,234,0,1,156,0,0.1,2,1,3,0

47,1,0,110,275,0,0,118,1,1,1,1,2,0

52,1,0,125,212,0,1,168,0,1,2,2,3,0

58,1,0,146,218,0,1,105,0,2,1,1,3,0

57,1,1,124,261,0,1,141,0,0.3,2,0,3,0

58,0,1,136,319,1,0,152,0,0,2,2,2,0

61,1,0,138,166,0,0,125,1,3.6,1,1,2,0

42,1,0,136,315,0,1,125,1,1.8,1,0,1,0

52,1,0,128,204,1,1,156,1,1,1,0,0,0

59,1,2,126,218,1,1,134,0,2.2,1,1,1,0

40,1,0,152,223,0,1,181,0,0,2,0,3,0

61,1,0,140,207,0,0,138,1,1.9,2,1,3,0

46,1,0,140,311,0,1,120,1,1.8,1,2,3,0

59,1,3,134,204,0,1,162,0,0.8,2,2,2,0

57,1,1,154,232,0,0,164,0,0,2,1,2,0

57,1,0,110,335,0,1,143,1,3,1,1,3,0

55,0,0,128,205,0,2,130,1,2,1,1,3,0

61,1,0,148,203,0,1,161,0,0,2,1,3,0

58,1,0,114,318,0,2,140,0,4.4,0,3,1,0

58,0,0,170,225,1,0,146,1,2.8,1,2,1,0

67,1,2,152,212,0,0,150,0,0.8,1,0,3,0

44,1,0,120,169,0,1,144,1,2.8,0,0,1,0

63,1,0,140,187,0,0,144,1,4,2,2,3,0

63,0,0,124,197,0,1,136,1,0,1,0,2,0

59,1,0,164,176,1,0,90,0,1,1,2,1,0

57,0,0,140,241,0,1,123,1,0.2,1,0,3,0

45,1,3,110,264,0,1,132,0,1.2,1,0,3,0

68,1,0,144,193,1,1,141,0,3.4,1,2,3,0

57,1,0,130,131,0,1,115,1,1.2,1,1,3,0

57,0,1,130,236,0,0,174,0,0,1,1,2,0