

Feature Description -

The data was collected from the four following locations:

- Cleveland Clinic Foundation
- Hungarian Institute of Cardiology, Budapest
- University Hospital, Zurich, Switzerland
- V.A. Medical Center, Long Beach, CA

Attribute Information:

1. hospital: location of the hospital (Cleveland; Hungarian; Switzerland; VA)
2. age: age of the patient in years
3. sex: sex of the patient (1 = male; 0 = female)
4. cp - Chest pain type (1: typical angina; 2: atypical angina; 3: non-anginal pain; 4: asymptomatic)
5. trestbps: resting blood pressure (in mm Hg on admission to the hospital)
6. chol: serum cholesterol in mg/dl
7. fbs: fasting blood sugar > 120 mg/dl (1 = true; 0 = false)
8. restecg: resting electrocardiographic results
 - a. 0: normal
 - b. 1: having ST-T wave abnormality (T wave inversions and/or ST elevation or depression of > 0.05 mV)
 - c. 2: showing probable or definite left ventricular hypertrophy by Estes' criteria
9. thalach: maximum heart rate achieved
10. exang: exercise induced angina (1 = yes; 0 = no)
11. oldpeak = ST depression induced by exercise relative to rest
12. slope: the slope of the peak exercise ST segment (1: upsloping; 2: flat; 3: downsloping)
13. ca: number of major vessels (0-3) colored by fluoroscopy
14. thal: 3 = normal; 6 = fixed defect; 7 = reversible defect
15. num: angiographic disease status or diagnosis of heart disease (0: < 50% diameter narrowing; 1: > 50% diameter narrowing)