

This database contains 13 attributes (which have been extracted from a larger set of 75)

#### Attribute Information:

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- 1. age
- 2. sex
- 3. chest pain type (4 values)
- 4. resting blood pressure
- 5. serum cholestoral in mg/dl
- 6. fasting blood sugar > 120 mg/dl
- 7. resting electrocardiographic results (values 0,1,2)
- 8. maximum heart rate achieved
- 9. exercise induced angina
- 10. oldpeak = ST depression induced by exercise relative to rest
- 11. the slope of the peak exercise ST segment
- 12. number of major vessels (0-3) colored by flourosopy
- 13. thal: 3 = normal; 6 = fixed defect; 7 = reversable defect

#### Attributes types

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Real: 1,4,5,8,10,12

Ordered:11,

Binary: 2,6,9

Nominal:7,3,13

#### Variable to be predicted

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Absence (1) or presence (2) of heart disease

#### Cost Matrix

	abse	pres
absence	0	1
presence	5	0

where the rows represent the true values and the columns the predicted.

No missing values.

270 observations