The dataset consists of 303 patient-level features, and each patient is labeled as either having heart disease or not having heart disease.

The features are:

* age - age in years
* sex –
  + 0: Female
  + 1: Male
* cp - Chest Pain Type:
  + 0: Typical Angina
  + 1: Atypical Angina
  + 2: Non-Anginal Pain
  + 3: Asymptomatic
* trestbps - resting blood pressure
* chol - serum cholestoral in mg/dl
* fbs - fasting blood sugar
  + 0: Less Than 120mg/ml
  + 1: Greater Than 120mg/ml
* restecg - resting electrocardiographic measurement:
  + 0: Normal
  + 1: ST-T Wave Abnormality
  + 2: Left Ventricular Hypertrophy
* thalach - maximum heart rate achieved
* exang - exercise induced angina:
  + 1: Yes
  + 0: No
* oldpeak - ST depression induced by exercise relative to rest
* slope - the slope of the peak exercise ST segment
  + 0: Upsloping
  + 1: Flat
  + 2: Downsloping
* ca - number of major vessels (0-3) colored by flourosopy
* thal –
  + 1: Normal
  + 2: Fixed Defect
  + 3: Reversable Defect
* target - have disease or not
  + 1: Yes
  + 0: No