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| Sl.no. | Data type | Attributes | Description |
| 1 | Numeric | Age | It is described in years(Valid numbers) |
| 2 | Binary | Sex | Gender where 1 represents male while 0 represents female |
| 3 | Categorical | Chest pain (CP) | It is type of chest pain having four classes with varying degree with values from (0 to 3).  1: typical  2: atypical  3: non-anginal  4: asymptomatic |
| 4 | Numeric | Resting blood pressure (testbps) | Measure of Blood pressure while resting (when admitted to hospital) in mm Hg (90–200) |
| 5 | Numeric | Cholestrol (chol) | Measure of cholesterol in blood in mg/dl (126 to 554) |
| 6 | Binary | Fasting blood sugar (fbs) | Blood sugar (fasting) is fbs > 120 mg/dl?  1: true  0: false |
| 7 | Categorical | Resting ECG (restecg) | Measure of ECG in resting phase: normal, STdefected, and ventricular hypertrophy (0, 1, and 2) |
| 8 | Numeric | Thalach | Maximum heart rate (71 to 202) |
| 9 | Binary | Exang | Exercise induces agina or not (1 and 0) |
| 10 | Decimal | Old peak | Exercise induces ST depression (0 to 4.4) |
| 11 | Ordinal | Ca | Number of major vessels colored by fluoroscopy((0–3)) |
| 12 | Categorical | Thal | Thallium stress test results  1 :normal;  2 : fixed defect;  3 :reversable defect |
| 13 | Categorical | Slope | The slope of ST segment having three classes, upward, flat, and downward slopes with values of 1, 2, and 3 |
| 14 | Binary | Target | 1 : presence of heart disease  0 : absence of heart disease |