**Description of the Variables**

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| Variable: | Description: | Role | Level |
| age | age | Input | Numeric |
| sex | sex | Input | Binary |
| cp | chest pain type (4 values) | Input | Numeric |
| trestbps | resting blood pressure | Input | Numeric |
| chol | serum cholesterol in mg/dl | Input | Numeric |
| fbs | fasting blood sugar > 120 mg/dl | Input | Binary |
| restecg | resting electrocardiographic results (values 0,1,2) | Input | Numeric |
| thalach | maximum heart rate achieved | Input | Numeric |
| exang | exercise induced angina | Input | Binary |
| oldpeak | oldpeak = ST depression induced by exercise relative to rest | Input | Numeric |
| slope | the slope of the peak exercise ST segment | Input | Numeric |
| ca | number of major vessels (0-3) colored by flourosopy | Input | Numeric |
| thal | thal: 3 = normal; 6 = fixed defect; 7 = reversable defect | Input | Categorical |