

**Goal:**

**To predict the heart disease use logistic regression algorithm along with data analytics and visualization tool.**

**How data will decide whether the person has heart disease or not?**

This database contains 76 attributes, but all published experiments refer to using a subset of 14 of them. In particular, the Cleveland database is the only one that has been used by ML researchers to this date. The "goal" field refers to the presence of heart disease in the patient.

**Information about the data:**

- Data has 14 columns and 303 rows.
- Calculated counts of each entry from the respective feature.
- Calculated count of unique entries from the features.

**Visualization of categorical Features:**

- Plotted distribution of categorical features.

**Splitting of Data:**

Data is split with a test size of 20%.

**Building of Classifier:**

Logistic Regression algorithm is used to make model.

**Predictive system is built.**