

# Heart Disease (UCI) Dataset - Data Dictionary

## ■ Target Variable:

**num** — Target variable representing presence of heart disease.

Values:

- 0 = No heart disease

- 1, 2, 3, 4 = Presence of heart disease (often converted to binary: 0 = healthy, 1 = disease)

## ■ Input Features:

**age** — Age in years

**sex** — Sex (1 = male, 0 = female)

**cp** — Chest pain type (values 1–4)

**trestbps** — Resting blood pressure (mm Hg)

**chol** — Serum cholesterol in mg/dl

**fbs** — Fasting blood sugar > 120 mg/dl (1 = true, 0 = false)

**restecg** — Resting electrocardiographic results (0, 1, 2)

**thalach** — Maximum heart rate achieved

**exang** — Exercise induced angina (1 = yes, 0 = no)

**oldpeak** — ST depression induced by exercise relative to rest

**slope** — Slope of the peak exercise ST segment (1 = upsloping, 2 = flat, 3 = downsloping)

**ca** — Number of major vessels (0–3) colored by fluoroscopy

**thal** — Thalassemia (3 = normal, 6 = fixed defect, 7 = reversible defect)

*Source: UCI Machine Learning Repository / Kaggle Heart Disease Dataset*