

1. Title: Cardiac Arrhythmia Database
2. Sources:
 - (a) Original owners of Database:
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 - (c) Date: January, 1998
3. Past Usage:
 1. H. Altay Guvenir, Burak Acar, Gulsen Demiroz, Ayhan Cekin
"A Supervised Machine Learning Algorithm for Arrhythmia Analysis"
Proceedings of the Computers in Cardiology Conference,
Lund, Sweden, 1997.

The aim is to determine the type of arrhythmia from
the ECG recordings.
5. Number of Instances: 452
5. Number of Attributes: 15
6. Attribute Information:
 - Complete attribute documentation:
 - 1 Age: Age in years , linear
 - 2 Sex: Sex (0 = male; 1 = female) , nominal
 - 3 Height: Height in centimeters , linear
 - 4 Weight: Weight in kilograms , linear
 - 5 QRS duration: Average of QRS duration in msec., linear
 - 6 P-R interval: Average duration between onset of P and Q waves
in msec., linear
 - 7 Q-T interval: Average duration between onset of Q and offset

of T waves in milliseconds., linear
8 T interval: Average duration of T wave in milliseconds., linear
9 P interval: Average duration of P wave in milliseconds., linear
Vector angles in degrees on front plane of:, linear
10 QRS
11 T
12 P
13 QRST
14 J

15 Heart rate: Number of heart beats per minute ,linear

7. Missing Attribute Values: Several. Distinguished with '?'.