

Data Mining, CSCI 347
Descriptions of Selected Datasets

Computer Performance

7 attributes- 6 numeric, 1 nominal
Class is numeric
209 instances with no missing values

This dataset associates characteristics of CPU processor circuit boards, with the processing performance of the boards

Vendor: nominal, 30 vendor names (versions with and without this are included)
MYCT: numeric, cycle time in nanoseconds, 17-1500.
MMIN: numeric, main memory minimum in KB, 64-32,000.
MMAX: numeric, main memory maximum in KB, 64-64,000.
CACH: numeric, cache memory in KB, 0-256.
CHMIN: numeric, channels minimum, 0-52.
CHMAX: numeric, channels maximum, 0-176.

Iris

5 attributes- 4 numeric, 1 nominal
Class is nominal

150 instances with no missing values

This dataset associates sepal and petal measurements of irises with the type of iris: Iris-setosa, Iris-versicolor and Iris-virginica

sepalength: numeric, sepal length in cm, 4.3-7.9
sepalwidth: numeric, sepal width in cm, 2.0-4.4
petallength: numeric, petal length in cm, 1.0-6.9
peatalwidth: numeric, petal width in cm, 0.1-2.5