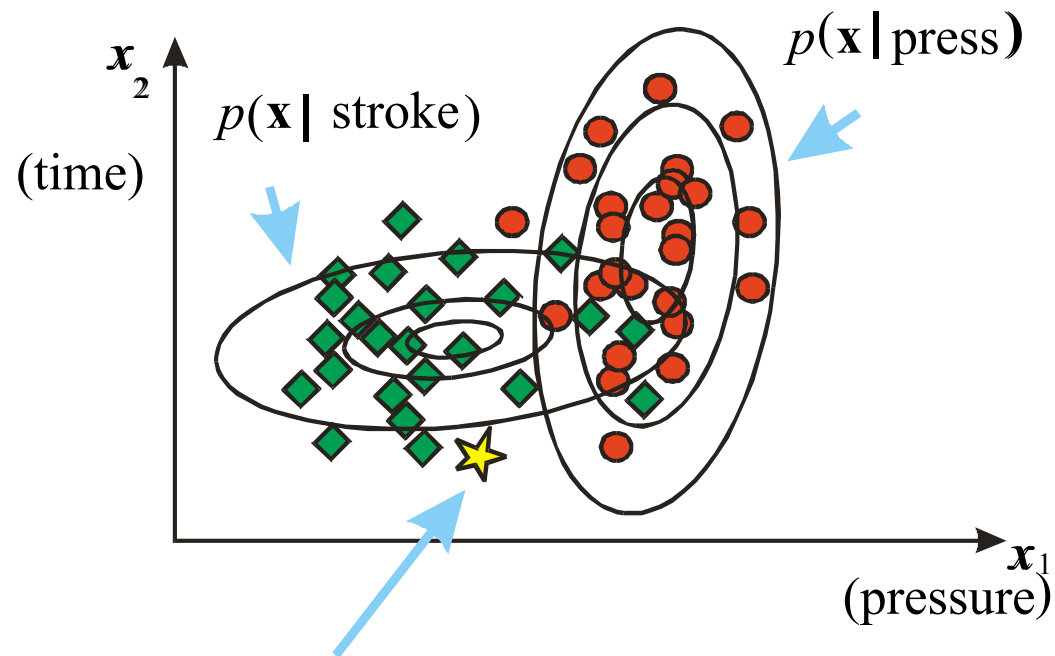# Audio – Classification

Each input unit is represented by a feature vector.

The problem of recognition is now a general data mining problem.
Any statistical classifier that can deal with high-dimensional data can be used.
as long as it achieves the following:

if $p(\text{stroke} \mid \mathbf{x}) > p(\text{press} \mid \mathbf{x})$ $\mathbf{x} \to \text{stroke}$

else $\mathbf{x} \to \text{press}$