Data classification, segmentation, and retrieval software

Technology #m04-055

“Name of the inventor: Yan Liu

Feature selection software for data classification, segmentation, and retrieval Methods and systems for feature selection for data classification, segmentation, and retrieval are described. The instructions can be executed by a computer by a software application for feature selection or dataset segmentation.

The system and method for feature selection includes creating multiple feature subsets from the data. The data is classified with feature subset by measuring the confidence level of the correct classification and compared with the threshold value.

The methods and systems are capable of carrying out feature selection on data containing a large amount of information with high dimensionality. Also, accurate feature selection methods utilizing sparse and/or noisy training data is possible.”

Inventors

John Ronald Kender