URN etd-0407109-183717-1336
Author Chung Ping Wu
Author's Email Address No Public.
Statistics This thesis had been viewed 42 times. Download 44 times.
Department
Year 2004
Semester 1
Degree Master
Type of Document Master's Thesis
Language zh-TW.Big5 Chinese
Title MINING TAIWANESE HEALTHY STATUS
Date of Defense 0000-00-00
Page Count 77

Keyword
Life Style
Data Mining
Decision Tree
Association Rule

Abstract
To investigate comprehensively social changes and problems, Directorate-General of Budget, Accounting and Statistics (DGBAS) in 1998 began conducting a Taiwan Area Social Development Trends Survey to collect basic data on the family life, degree of social participation, leisure and cultural activities, as well as safety and health of citizens.
This research utilized the data of safe and healthy status of population 15 years old and over, conducting by DGBAS, Executive Yuan-Central Region Office in 2001. We try to find the patterns of life style affecting the healthy status of citizen by decision tree and association rule.
According to our results, 46 rules were discovered by decision tree. Frequency to seek medical advice, age, and sleep-disorder are important attributes of health. There are 26 association rules for good health status, and 41 association rules for bad health status. Those rules provide clear understanding of safe and healthy status of citizen, and government could be use then as reference in drafting pertinent policies to improve the quality of life for members of the public.
Advisory Committee St. Yung-kang - advisor

Files etd-0407109-183717-1336-001.pdf

indicate access worldwide
Date of Submission 2005-08-04