ABSTRACT

Astrological Prediction of different incidences taking place in human life and performed based on positions of planets, zodiac signs and aspect between them. Astrologer concentrate in providing quality services to person rather than defining universal rule and standards for astrological predictions. Many peoples are interested on predicting their education, life span, profession, marriage life and so on.

Many software are available in the market to specify the horoscope but their predictions are not accurate. Some software such as epanchang are failed to generate a exact horoscope of a person which leads to wrong predictions.

As modern people are computerized and much fascinated to be aware of what may happen in the forth coming periods, we propose a system to find universal patterns to predict whether a person will become either a government servant or not. Apriori Algorithm is used to generate the association rules and classify the generated rules using classification algorithms such as Logistic Regression, Linear Regression and Support Vector Machine. Proposed system outperforms the existing one in-terms of performance metrics such as accuracy, precision, recall and specificity by about 84%.

LIST OF FIGURES

LIST OF ABBREVIATIONS

KDD	Knowledge Discovery in Datamining
CART	Classification And Regression Trees
CHAID	Chi Square Automatic Interaction Detection
ETL	Extract, Transform, Loading
DFD	Data Flow Diagram
SVM	Support Vector Machine
TP	True Positive
TN	True Negative
FP	False Positive
FN	False Negative
CAA	Conditional Apriori Algorithm