PROPOSED METHOD:

A proposed framework for developing a prediction engine learning models and their comparison .The main goal of current research is to design a machine learning techniques to predict CKD using associative and classification algorithms.

The proposed technique generates classification association rules (CARs) to determine techniques with a high percentage of correctly classified cases and identified classifiers may facilitate early diagnosis of CKD and a comparative analysis of the proposed technique is performed. using other state-of-the-art techniques .It briefly describes different stages:

(i). Data set selection phase:

The data set is selected predict CKD for data analysis and effective knowledge .Enough data is needed to implement the machine learning technique for the selected data set. In this set experiments, CKD data are obtained from UCI machine learning repository.

(ii). Pre-processing and transformation phase:

Data set is prepared in file format with attribute 16attributes. The data set is converted to binomial format implement associative techniques. Moreover, it is missing records, duplicate records and unnecessary fields removed for standard data format.

(iii). Feature Selection Phase:

The most promising feature of the CKD dataset are selected using the WEKA pro tool better results. Feature evaluators and search methods are used for this purpose. A function based on correlation the selection subset evaluator is used as function evaluator ,and a greedy stepwise search method is used.