

Classification of Data Mining:

Data is the strength of now a day's world. The more data one has, the stronger they are. Every large industry is building data bank of their own. So it is a challenge to maintain the data. To cope up with this situation data mining comes. Data mining is a process to handle large data and prepare it for particular use. With the rise of the demand of data it is also a challenge to serve data with a faster rate.

If we discuss about the classification of data mining, there comes two cases.

- Classification
- Prediction

Classification: Data analysis's task is to find a model that describes data classes and concepts. Classification is the problem of identifying to which of a set of categories (sub populations), a new observation belongs to, on the basis of a training set of data containing observations and whose categories membership is known.

When there is a large set of data and user wants to know a class based on the data, it is classification.

Prediction: Prediction refers to identify data based on some classes. Suppose there is some known parameters when a flood occurs. Now if we input some parameters the class can predict whether this time flood occurs or not. So the prediction works with mapping some known parameters to unknown parameters.