Data Mining.

a. How is data workhouse deft. from a database ? How are they similar?

Ano.	Database.	Data wavehouse
	THE PARTY OF THE P	str to the whee
	Is distigned to record.	→ Is designed to analyse → Data wavehouse uses online
115	The database uses the online transactional Procuring (OLTP).	Analytical Processing (OLAF).
	The database helps to purform	-> Data ware house allows you to
	fundamental operations for your business.	analyse your business.
->	de an application - oriented	-> It is subject ordented collection
	collection of data.	of data.

The similarity blue data warehouse of database is that both the system maintain data in form of table, indexes, coloumns, value of keys. Also data is retrieved in both by using SQL queries.

a Define each of the following data mining functionalities with examples?

Ans. (i) Classification: It is a procum of finding a model that describes

f distinguisher state classes of concepts. The model

is derived boned on the analysis of set of training data.

The model is used to predict the class label of analysis objects

for which the class label is unknown.

(ii) Progression: It is a satistical methodology that is most often used for numeric prediction, although other methods exists as well. Regression also encompass the Edentification of databases distribution brends based the available data.

(iii) Chustering: It analyses data objects without consulting class labels.

In many cases, class label data may simply not exist at the beginning. Clustering can be used

to generali labels for a group of dota. The objects are clustered or grouped based on the principle of maximizing the interact similarity.

do not comply with the general behaviour or, model of the doctor. These data objects are outlier. Many data mining methods discard outlier as noise or exceptions. However in some applications the rare events can be more interesting than the more regularly occurring one. The analysis of outlier data is referred to as outlier analysis.