

PRACTICAL – 1

1. Define Data mining?

Answer : Data mining is defined as a process used to extract usable data from a larger set of any raw data.

2. For each of the following, identify if it is data query or data mining task(s).

- a. To find characteristics that differentiate people who had repeat knee construction from those who needed surgery only once

Answer : Data Mining - Classification Technique

- b. A stock market analyst has been asked by his client to predict the future prices of 10 stocks 3 months in advance.

Answer : Data Mining - Prediction Technique

- c. When customers visit my website, what products together are they most likely to order?

Answer : Data Mining - Link Association Technique

- d. Develop a profile of credit card customers who are likely to carry an average monthly balance of more than \$1,000.00

Answer : Data Query

- e. Determine the number of customers who spent more than \$100 last month in a local video store

Answer : Data Query

- f. In a locality, which group is greater in number – customers holding policies in one or several insurance companies?

Answer : Data Mining –Clustering Technique

- g. Do meaningful attribute relationships exist in a database containing information about credit card customers?

Answer : Data Mining - Link Association Technique

- h. Do single men play more golf than married men?

Answer : Data Query

- i. Determine whether any credit card transaction was made by a customer last week.

Answer : Data Mining – Clustering Technique