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