CSE-453

Name: AYON ROY

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10 : 201714018

Deptio CSF-17

Sec & Bot projet po sent

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Whence Trade Mining is the present

what montered sphalowers wat sort and

ent to form to at priming of it.

Ans. to the ques. no.-01

Knowledge discovery process consists of several steps including : Data Cleaning, and Data Integnation of several Databases and then storing on a Douta wanehoux and then selecting the Task-Relevant Datas and after having the Tank-Relevant Dots applying Data mining Techniques we can visualyze or analyze the Patters in the data and often that we can discover the Knowledge of I from the data.

where, Data Mining is the process of extracting unousledge for from data. So, Data Mining is a part of the

Knowledge Discovery process (MDD).

Data mining plays an essential role in the knowledge Discovery process.

Basically, Data mining in the process where we extract the knowledge or inforcination from some relevant data, where, KDD in the overall process from generating on collecting those relevant data

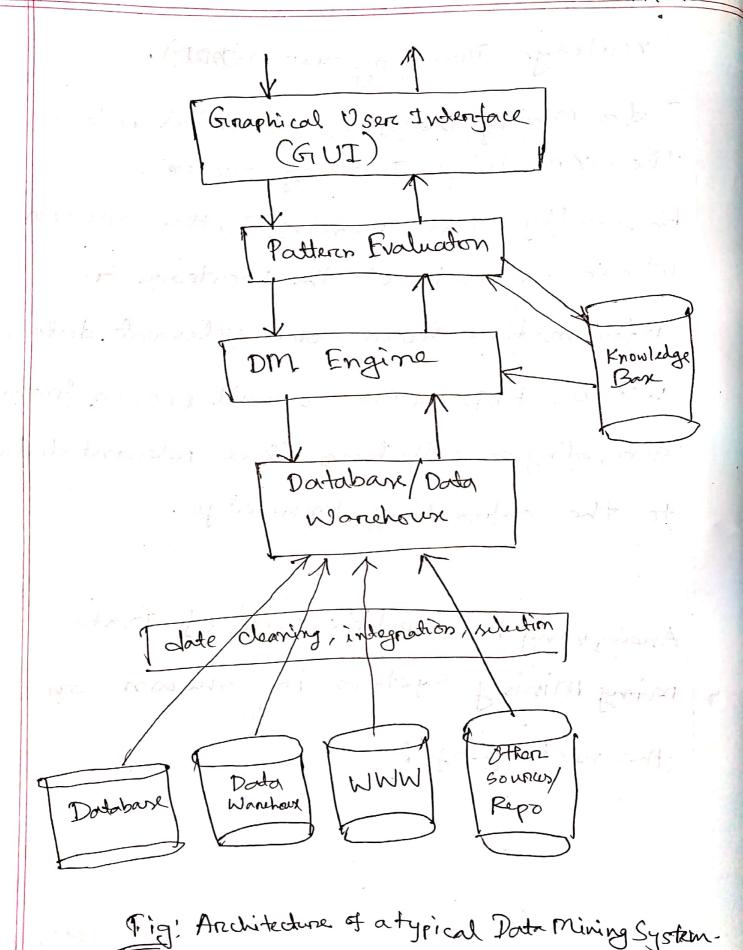
Analyzing the architecture of Data ming Mining System in shown on the next page!

North possibility and harings to be marked in the 1962 of

to the extracting unswledge.

P-7.0,

Ayon Roy 2017/4018



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The typical architecture of a Data Mining System first collects, cleans and integrates from Databases, internet (www) on 1 the data sounces and then stones to a task relevant Database on Data Warehouse. with those data a Data Mining Engine then parses the correct formatted (Typed) Data to the Pattern Evaluation. Patter Evaluation with the help of knowledge bases shows (GUI) the underlying on extracted browledge information of the Data.

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	Ans. to the ques. no 02(c)						
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	and, the Transactional data bax;						
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all -3-frequent itemsets are.

Aus. to the ques. no. - 02(b)

Various types of numeric attributes arce:

(1) Interval

(2) Ratio

DInterval:

from your of

(a) It is measured on a scale of equal-sized-units.

(b) 4+ has no zero-point.

(c) Examples tempin °C/oF and Calender doctorete.

2 Ratio:

(b) It has an orders of magnitude which is largers than unit of measurement.

(b) It has inherent zero-point.

(c) Example: length, age etc.

Aus. to the gues. no. - 02(a)

Box-plot represents Five number summing: min, Q,, amedian, Qz, max.

Data is represented in with abox.

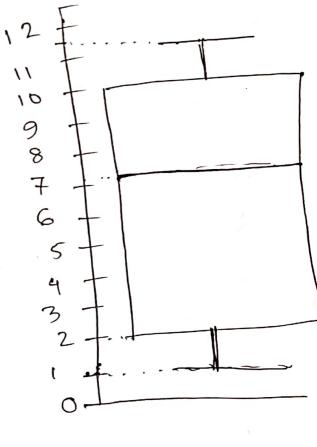
Given data are.

1,1,2,2,4,6,6,8,7,2,8,8,3,9,10,10,10,10,11.5

Mim = 1 Max = 11.5 $Q_1 = 2$ $Q_3 = 10$

IR = 8 = (10-2)

Median = 712



Box-plot

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