## JAHANGIRNAGAR UNIVERSITY

Institute of Information Technology (IIT)



## **CLASS TEST 1**

Summer Semester 2023 Intake Date of Examination: JULY 14, 2023

## HASAN TAHSIN RAFSAN

Professional Masters in Information Technology (PMIT) Program

1 ST Trimester Regular Batch

Section A

ID No: 232137

Ans: 1

So, in the question there are 4 activities.

Prob (a) is a data mining task. So answer is "yes"

It belongs to "Classification" because here the analyst does not have "any pie prior information about these objects. So, he need to predict these based on given models.

parob(b) is a data mining tasks also. Det so answer is "yes". This belongs to clustering " Hore at the doctor has to total lebelled the ct sean reports to make tresult.

phob(e) is also a data mining task. So, another is "yes" of hig less belongs to "Regression". Beautist, have they have to predict the value based on given present variable based values & models.

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Probled is also a data mining tests. 50 the answer is yes . It belongs to "Anomaly Detection". How monitoring heart trate of patient abnormatines & the terms of inval patterns of diseases arce quite same. The characteristies: avec disberant brom observed dater.

Bata quality problem ovce Onoise 100 Missing values. (00) Duplicate danta For noise it is an extraoneous object where bon attributes at rubery to the modi & rotion of Omiginal values. For example, bon voice, there might be magnitique le shape of comprised engual is destroyed based on the warres combined Te temperature.

Missing values. generally creates from Information nut collecting. 'or attribute may not be applicable from all cases. I i.e. - people decline to tell their age, warguts on children doesnot applicate for income or handling estimating values.

Another one is duplicate data where many people & duplicate markings because they appear in a database to multiple times where who der disberent names. Established one multiple strong sets of data courses the fur insures.

Ans. 9

Temperature can either be an internal on texting the anti- measurement steet stically.

The one measure temperature in begreed to forewhit for celicism. Is considered to interval. be cause dross possible.

Leves possible are arbitary. This can be below term degrees. Saranhest on celeiny.

on the otherhand. If one measure temperature in Kelvin. then it will, be traction as the zero print is absorbate. Their commot be temperature below zero kelvin.

## Ausi 2

could company trecords the transactions made by every credit could holder, along with personal into such as hint, age, income se address. When a new transaction attrives, it is see compared against the personal for the user. If the characterities of the transaction are very distributed brown previously created protes, then the transaction is stagged as potentially brounded.