

Pota Warehouse stores hugeamount of data which collected from multiple Heterogenous Sources. It aims to produce statistical results the to improve the decision-making. Ey: An employee the weart to chock the amount of money supplies to a given company of various conjustation

3 DATA MINING

Data Mining is the extraction of data from a data work-house. Its main purpose into gather information which can be used to product future trends ot.

Hhas to be don'to Ssteps namely: - DATA PPE-PROCESSING: Itala cleaning, integrating ste selection of

transformation takes place.
- DATA EXIRACITON: Extraction of a particular data
- DATA EVALUATION AND PRESENTATION

- It can only be read or updated again by first decrypting it with a corresponding decryption key. It a result, the Isla business strongly secured and unsuthorized access confuerably presented.
 - HACKERS CAN'T MANIPULATE DATA STRICE DATA INDEBRITY

 Even if hockers accords the encrypted data for manipulation or

 misure. They counst doit outhe encrypted data doesn't make

 Sease.
- ichiques which imight dutroughthe database. It is basically placement of malicaus code in SQL statement win a resligage input. The web scruers communicate with database scrues anytime they ned to reticue or stone user data. Attackers design the SQL statement such that they can be executed when the fetching of content is in process by web-serves.

 Les for an entity ranged SAP-ID if they attacker input data 0=0 sehithic true than the user clataic compromised.
- 1 Authentiation with process of verifying a users credentials to before he can log into the network. Normally performed using a username a passivora. This provides a secure means of limiting the access of unwested intruders of the conthe network. Its the process of determining whether someone or something is actually what it had tells to be.

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Q5.- AUTHORT ZATION TO READ DATA
Used for confidential data which should only be seen
by selected personal.

- AUTHORIZATION TO INSERT DATA
Used for confidential data which should only be added by a selected personnel.

- AUTHORIZATION TO UPDATE DATA
Used for confidential data which should only be updated
by selected personnel.

AUTHORIZATION TO DELETE DATA Usedfor confidential data which should only be defeted by she selected personnel.

The a branework used for writing data processing pipelines.

Ituses extensible library of operations of moving data, executing query ste, development in dependancy graph of it the task to be executed & actaswarm takes care of this.

MAC
Notices Control Address also known as physical & hardware address. It is uniquely formatted into headerimal format & given fater to each computer or network device on a computer network &g: D3-BA-D8-7C-46-98