Data Marti-

It is a data storage system that corrains info specific to an organization business unit

Data lake house:

It is new, open data management a rehitedure that combine the flexibility, and efficiency & scale of data take with the data management.

Data mesh:

It is dentralize data architecture that organizes data by aspecific business domain.

Datalake vs Data is Raw Purpose of data Brot yet determine Users are data Scientists

V5

Data warehouse.
Data is processed.

Parpase is us cd by business

professionals.

Users are Bussiness professional.

OL AP
Online
transactional
System
Insert, update
delete

OLTP Unline data retrieving and data anlysis system.

OLTP 9 1ts
transactions are
original source of
data.
OLTP has short
transaction

Extract data.

different out doubles este become source of douba.

bett Phay long transactions

Q1:- Yes database can be used as datawarehouse Q: 2:- Structured dada is organized in specific format and unstructured does not have specific format.

Q:3:- Data engineer is responsible for designing, building qualitating the infractructure quartite dure necessary quaintaning the infractructure quartite dure necessary for storing, processing qualyzing large volume addata

The form who we