

TASK 3

Q) Can database be used as data warehouse?

Yes can be used as data warehouse as both are storing data in structured or an schema form.

But it has when it is used for OLAP due to high amount of ~~data~~ historical data. for this we have to optimize the database ~~model~~ by denormalizing the data model to improve the query performance.

Major difference b/w structure & unstructure data?

Structured data is organized with predefined schema or data model. which make it easily processed and analyze ~~is~~ where as unstructure data has no data model or schema rule for storing data. which make challenge in processing. It can be found in text, image, audio and require specific tools to extract meaningful information from it.

Q Duties of data engineer?

1) ~~Analyze & organize raw data~~

Data Engineers are in charge of converting raw data into usable information for decision making. They work with different systems and use different technology to collect and map an organization's data landscape to help decision makers find cost savings & optimization opportunities. In addition, they use this data to display trends in collected analytics information.