

Assessment:

BI - Advantage.

Data warehouse using BI Advantages.

Assessment-I

1. Business Intelligence:

Business Intelligence (BI) refers to the process of gathering, analyzing and interpreting data to make informed business decisions. It involves using various tools and techniques to transform raw data into meaningful insights, which can be used to;

1. Identify market trends and opportunities.
2. Optimize business processes and operations.
3. Improve customer engagement and retention.
4. Enhance financial performance and forecasting.
5. Gain a competitive edge.

ii) BI Typically Involves.

a) Data collection:- Gathering data from

various sources, such as databases, spreadsheets and external sources

b) Data analysis using statistical and analytical techniques to identify patterns, trends and correlation.

c) Data visualizations: presenting findings in a clear and concise manner using reports, dash boards and visualizations.

d) Insight Generation: Interpreting results to identify business opportunities and challenges

II Common BI tool and Technologies include:

1. Data warehousing and ETL (Extract, Transform, Loads) tools
2. Business analytics software (eg. Tableau, Power BI)
3. Data mining and machine learning algorithms
4. Reporting and dashboard tools (eg: excel, Google Data Studio)

Data base handle (OLTP)

By leveraging Business intelligence, Organization
can make data driven decisions, drive growth
and stay ahead in today's.

Assignment - 3.

Schema type.