Furqaan Shafi

Assignment 1

Q1) what is BI?

ANS:- The process of gathering, analysing, and presenting data to support organisations in making strategic business choices is known as business intelligence (BI). It involves a variety of methods and tools that let businesses collect information from numerous sources, turn it into insightful understandings, and present it in a way that is clear and useful.

Data gathering, integration, analysis, and visualisation are often aided by the use of specialised software tools and applications in BI. These instruments assist companies in finding patterns, trends, and correlations in their data, enabling them to learn crucial information about their operations, clients, and market dynamics.

The basic objective of BI is to give decision-makers fast access to reliable information, enabling them to make decisions that will promote business growth and enhance.

Q2) What are three basic Elements of Power BI?

Ans:- The are three basic Elements of Power BI

1. Power BI Desktop
2. Power BI Service
3. Power BI Mobile

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Q3) What is power BI?

Power BI is a robust business analytics tool developed by Microsoft. It offers a comprehensive suite of services and tools for data analysis, visualization, and sharing insights. With Power BI, users can connect to various data sources and retrieve data for analysis, transforming raw information into meaningful visualizations.

The platform's intuitive drag-and-drop interface makes it easy to create interactive reports, dashboards, and visualizations. It provides a diverse range of visualization options, including charts, graphs, maps, and tables, enabling users to present data in a compelling manner.

Power BI goes beyond visualization by offering advanced analytics capabilities. Users can perform complex calculations, define custom measures, and explore data interactively using filters and slicers. The platform also supports data modelling, shaping, and transformation to prepare and manipulate data as needed.

Whether used by individuals, teams, or organizations, Power BI facilitates data-driven decision-making. It supports collaboration and data sharing through its online service, allowing users to publish, share, and embed reports and dashboards.

Overall, Power BI empowers users to uncover valuable insights from data, monitor performance, and make informed decisions that drive business success.

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Q4) Explain, how can we import data in power BI?

Ans:-

The various steps involved in importing data in power Bi are as follows

1. Launch Power BI Desktop.
2. Click on the "Get Data" button.
3. Select the desired data source.
4. Connect to the data source.
5. Navigate and select the specific data to import.
6. Apply data transformations if needed.
7. Load the data into Power BI or edit it further in the Power Query Editor.
8. Set up data refresh options if required.

Q5) Name some BI tools other than Power BI?

Ans:-Other BI tools are as follows:-

1. Tableau
2. Looker
3. SAS Business Intelligence
4. Domo
5. Sisense