CONCEPT Power BI Desktop is a stand-alone tool used by report designers who build and share dashboards and reports with business partners. Applications of mathematics main function within Power BI is to create data sets that can be used to accomplish data analytics. Understanding basic mathematical relationships and how to integrate them into an embedded tool like Power Query is a basic process in Power BI.

People need real data to make decisions. Working colleagues send all types of reports, spreadsheets, emails with charts, and even printed handouts. Power BI consolidates the data into a useful report, while Power Query helps you transform the data into a standard processable format.

BACKGROUND

Power BI is a tool which can help both IT personnel and general business users create dynamic and engaging data dashboards to communicate trends with their team. These reports assist the data-driven decisions makers discover and share insights within their companies.

Power Query is a data transformation and data preparation engine. Power Query comes with a graphical interface for getting data from sources and a Power Query Editor for applying transformations. (Mathematical type calculations) Because the engine is available in many products and services, the destination where the data will be stored depends on where Power Query was used.

Using Power Query, you can perform the extract, transform, and load (ETL) processing of data.

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