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 A data warehouse is the electronic storage that companies or organizations stored large amount of information. It contains information from variety of different departments within the organization where it continuously updates to delete unwanted information. Also, data warehouse should keep in a safe place that is secure, easy to access, easy to manage and reliable. Data warehouse is used within an organization by provide organization to make better business decisions, it allow business partners / colleagues to access insights, it allow you to quickly access historical tasks and able to analyze things that make the business very successful. It can also be a problem moving data at a high speed from multiple places. The process of it might be time consuming, security problems, issues with compatibility and data ownership concerns.

Data mart is a similar version to a data warehouse. The difference is data mart focus on a single department. It gets is information from a few sources. Instead of putting the data from all the departments of a business into a warehouse, data mart contains database of separate departments. Data mart provide an easier access to frequently request of information, its programs consist of hardware, software, programs and data of a specific department within the organization. It enables you to save time because it gives you efficient access, it is inexpensive compare to data warehouse, data mart is the subset of a data warehouse it improves data warehouse performance. Even though data mart can be a good asset, it can also cause a lot of problems too. Some of these problems that occur in a data mart are data rigidity, having too

many information can cause inconvenience issues, increasing of demands from users, hidden problem source and consolidation

The company I choose to write about is Microsoft. Microsoft is a well-known organization that been around for a long time. Microsoft Business Intelligence Platform (MS BI) is a complex solution which combines the functions of a database server and an informational platform, offering a complete set of technologies and tools, whose fundamental elements are SQL Server, SharePoint Server and Excel. Microsoft business intelligence platform helps business users in extracting the greatest value from data while maintaining a low total cost of operation. Microsoft Business Intelligence tools provide the proper information at the right time and in the right format through tight integration with Microsoft Office.

Cited source

https://www.jcommerce.eu/it-services/business-intelligence/microsoft-business-intelligence