Uses for SQL

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SQL is used to define a data structure and the actions performed on data stored in that structure. For any type of project involving gathering, organizing, analyzing or mining data SQL is the answer. However, before starting any project it is a good idea to have a specific purpose in mind. If you do not know what SQL can be used for you will not be able to use it effectively.

SQL is recommended for projects involving:

- Passwords to restrict access.

- Displaying data online. Current price lists, inventory items, information to be displayed to potential customers or any information that you want to update.

- Creating mailing lists.

- Capturing user information on forms or surveys.

- Multiple accesses to one data source via a network.

- Sort and display information to create unique reports.

Before diving into SQL there are several database concepts and definitions concerning the storage of data you should be familiar with. Understanding these concepts before proceeding will give you a firm foundation to proceed to more complex concepts.