



# MySQL



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# What is SQL?

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SQL stands for Structured Query Language

Used to store, manipulate, and retrieve data from relational databases

Very popular

# Why SQL

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SQL is optimized for databases

Open-source and easy to use

Very in-demand skill

# SQL Commands

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DDL - Data Definition Language

DML - Data Manipulation Language

DCL - data Control Language

DQL - Data Query Language

# DDL

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Create, creating a table

Alter, altering an existing table

Drop, deletes an entire table

Truncate, deletes a part of a table

# DML

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Insert, creates a record in the table, so essentially a row

Update, modifies records

Delete, Deletes records

# DCL

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Grant, grants privilege to a user

Revoke, takes back privilege from user

# Data Query Language

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Select, retrieving certain records from tables