



Overview of SQL

Key components of sql



DDL

Alters drops create
database objects

DML



Selects insert update
rows

DCL

Grants,revokes users
access privileges

TCL


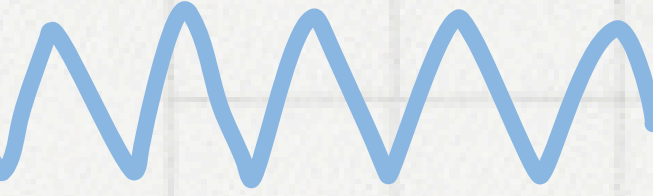
Commit, rollback, save point
of transactions



Views: A view in SQL is a virtual table that provides a way to present data from one or more tables

Triggers: It is a set of instructions that automatically execute in response to certain events on a table or view

PYSQL: has procedures, functions and cursors, used to refer to the practice of using Python to interact with SQL databases



Importance of Sql In DBMS

Open Source and
Cost-Effective

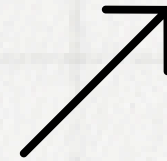
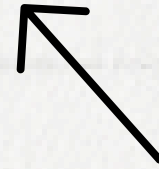
Ease of Use


High
Performance and
Scalability

Cross-Platform
Support

Reliability
and Stability

Security Features



The background is a light gray grid. It is decorated with various hand-drawn blue doodles. At the top left, there are several overlapping loops. To the right of these are more loops, some of which are filled with a darker blue. On the far right, there is a star-like shape with several points. At the bottom left, there are concentric arcs. In the bottom center, there is a wavy line. To the right of the wavy line are several small 'v' shapes. At the bottom right, there are more loops and a large, open loop.

**Thank you
very much!**