Learn SQL in seven days.

Here's a structured plan to help you get started:

Day 1: Introduction to SQL

- Start by understanding what SQL is and why it's important.
- Learn about different database management systems (DBMS) like MySQL, PostgreSQL, or SQL Server.
- Install a DBMS of your choice and a SQL client if needed.

Day 2: Basic SQL Queries

- Learn the basic SQL syntax for querying data using SELECT statements.
- Practice retrieving data from a single table.
- Understand the WHERE clause for filtering data.

Day 3: Advanced SQL Queries

- Explore more complex queries with JOIN operations to combine data from multiple tables.
- Learn about GROUP BY and aggregate functions like COUNT, SUM, AVG.
- Practice sorting data with ORDER BY.

Day 4: Data Modification

- Study how to insert, update, and delete data using SQL.
- Understand the importance of transactions and how to use them.

Day 5: Database Design

- Learn the fundamentals of database design, including tables, columns, and data types.
- Explore normalization concepts to ensure data integrity.

Day 6: Advanced SQL Topics

- Dive into subqueries and derived tables.
- Study SQL views, indexes, and stored procedures.
- Familiarize yourself with common SQL functions like DATE and STRING functions.

Day 7: Practice and Review

- Spend the final day practicing what you've learned.
- Work on sample SQL exercises and projects.
- Review your understanding of SQL concepts and seek clarification where needed.

Here are free resources which I relayed on

YouTube channel: intellipaat one of the best YouTube channel to learn sql if you are beginner at the end they will also help you in interview preparation

✔ Practice on HackerRank

✔ for projects you can check my project video how you can do free projects less than 2 hours and get certificate to add in your resume

If you want to know more feel free to use the comment section

For more such informative videos do follow.

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