

✔ PostgreSQL Roadmap

✔ MongoDB Roadmap

We just launched our premium SQL course, check it out below

NEW / Premium SQL Course

SQL Keywords

Data Types

Operators

SELECT

INSERT

DELETE

UPDATE

Statements

SUM

COUNT

AVG

MIN

MAX

GROUP BY

HAVING

Scalar

Column

Row

Table

Different Types

Nested Subqueries

Correlated Subqueries

CONCAT

LENGTH

SUBSTRING

REPLACE

UPPER

LOWER

String Functions

DATE

TIME

TIMESTAMP

DATEPART

DATEADD

Date and Time

Stored Procedures & Functions

Performance Optimization

Query Analysis Techniques

Using Indexes

Optimizing Joins

Reducing Subqueries

Selective Projection

Query Optimization Techniques

Advanced SQL

Have a look at the following related roadmaps

Backend

PostgreSQL

MongoDB

SQL

Learn the Basics

Basic SQL Syntax

Find the detailed version of this roadmap and other similar roadmaps

roadmap.sh

What are Relational Databases?

RDBMS Benefits and Limitations

SQL vs NoSQL Databases

Data Definition Language (DDL)

Data Manipulation Language (DML)

Select

FROM

WHERE

JOINS

GROUP BY

ORDER BY

HAVING

INSERT

UPDATE

DELETE

Data Constraints

Truncate Table

Alter Table

Create Table

Drop Table

Primary Key

Foreign Key

Unique

NOT NULL

CHECK

Subqueries

JOIN Queries

Advanced Functions

FLOOR

ABS

MOD

ROUND

CEILING

Numeric Functions

CASE

NULLIF

COALESCE

Conditional

INNER JOIN

LEFT JOIN

RIGHT JOIN

FULL OUTER JOIN

Self Join

Cross Join

Managing Indexes

Query Optimization

Views

Creating Views

Modifying Views

Dropping Views

Indexes

Data Integrity Constraints

Transaction Isolation Levels

Data Integrity & Security

Transactions

GRANT and Revoke

DB Security Best Practices

ACID

BEGIN

COMMIT

ROLLBACK

SAVEPOINT

rank

dense\_rank

lead

lag

Row\_number

Window Functions

Recursive Queries

Pivot / Unpivot Operations

Common Table Expressions

Dynamic SQL

Octopus Deploy

Achieving CD white paper

Fix your inconsistent deployments. Our white paper shows how to achieve reliable, frequent releases.

Octopus Deploy

Achieving Continuous Delivery

White paper

Achieving CD White Paper

Fix your inconsistent deployments. Our white paper shows how to achieve reliable, frequent releases

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