SQL Best Practices

SQL indexing best practices | How to make your database FASTER! - SQL indexing best practices | How to make your database FASTER! 4 minutes, 8 seconds - Learn about **best practices**, for using indexes in **SQL**,, and how they can be used to speed up your queries, make your database ...

Intro

Example database table

Example query

The problem with a full table scan

Using EXPLAIN ANALYZE

What is a SQL index?

How to create a single-column index

How to create a multi-column index

Optimizing our SQL query

Caveats of sql indexes

SQL Syntax Best Practices: How to Structure Your SQL Code - SQL Syntax Best Practices: How to Structure Your SQL Code 16 minutes - SQL, is not just about writing queries, you also need to make sure that your queries are performant, fast, and readable. This video ...

Intro

Example Question

Initial Solution to Refactor

Remove Multiple Nested Queries

Ensure Consistent Aliases

Remove Unnecessary ORDER BY Clauses

Remove Unnecessary Subqueries and CTEs

HAVING vs WHERE

Formatting

Conclusion

20 Years of SQL Advice in 11 Minutes - 20 Years of SQL Advice in 11 Minutes 11 minutes, 1 second - I've bene working with **SQL**, for 20 years, starting with MySQL back in 2004, and gaining experience with

several other vendors.

Tip 1

Tip 2

Tip 3

Tip 4

Tip 5

Tip 6

Tip 7

Tip 8

Tip 9

Tip 10

Tip 11

Tip 12

Tip 13

Tip 14

Tip 15

Tip 16

Tip 17

Tip 18

Tip 19

Tip 20

Secret To Optimizing SQL Queries - Understand The SQL Execution Order - Secret To Optimizing SQL Queries - Understand The SQL Execution Order 5 minutes, 57 seconds - Animation tools: Adobe Illustrator and After Effects. Checkout our bestselling System Design Interview books: Volume 1: ...

30 SQL Tips and Tricks From 15 Years of Experience | #SQL Course 43 - 30 SQL Tips and Tricks From 15 Years of Experience | #SQL Course 43 45 minutes - ?? *Timestamp* 00:00 - Intro 00:19 - Golden Rule 01:50 - Tips | Fetching Data 04:37 - Tips | Filter Data 09:58 - Tips | Joining ...

Intro

Golden Rule

Tips | Fetching Data

Tips | Filter Data

Tips | Joining Data

Tips | Aggregating Data

Tips | Subqueries

Tips | DDL Creating Tables

Tips | Indexing

Final Thoughts

TOP 10 SQL Best Practices - TOP 10 SQL Best Practices 6 minutes, 12 seconds - In this video , I have discussed top 10 **SQL Best Practices**,. Writing SQL query by adopting best practices improves the readability ...

Solve 70 SQL Questions in 3 hrs | Ultimate SQL Practice | Master SQL - Solve 70 SQL Questions in 3 hrs | Ultimate SQL Practice | Master SQL 2 hours, 58 minutes - ... Interview Questions SQL Practice SQL Projects SQL Tips and Tricks SQL Performance Tuning SQL Security **SQL Best Practices**, ...

SQL - Complete Course in 4 Hours | SQL Full Course in Hindi | SQL Tutorial - Beginner to Advanced - SQL - Complete Course in 4 Hours | SQL Full Course in Hindi | SQL Tutorial - Beginner to Advanced 4 hours, 4 minutes - Welcome to the Complete **SQL**, Tutorial in One Video! Whether you're a beginner starting your database journey or an ...

SQL Introduction

MySQL Installation

About Download Notes

Types of SQL Commands

Database Related Queries

Table Related Queries

DROP TABLE Command

ALTER TABLE Command

INSERT INTO Command

SQL Data Types

SQL Constraints

UNIQUE

PRIMARY KEY

FOREIGN KEY

CHECK

DEFAULT

SQL Select Statement

SQL WHERE Clause

SQL Update Statement

SQL Delete Statement

SQL Operators

Arithmetic Operators

Comparison Operators

Logical Operators

Between Operator

IN Operator

SQL LIMIT Clause

SQL Order By Clause

SQL Functions

String Functions

Date Functions

SQL Group By Clause

SQL Having Clause

SQL Cascading For Foreign Key

SQL Joins

INNER JOIN

LEFT JOIN

RIGHT JOIN

SELF JOIN

SQL Views

SQL Indexes

SQL Subquery

SQL Stored Procedures

SQL Insert Into Select

SQL Select Case

SQL Like Operator

SQL Triggers

Top 10 SQL Interview Queries | Popular SQL Queries for SQL Interview - Top 10 SQL Interview Queries | Popular SQL Queries for SQL Interview 36 minutes - In this video, we look at 10 commonly asked **SQL**, Queries during interviews. These are in my opinion **top**, 10 **SQL**, queries to learn ...

Intro

Query 1

Query 2

LearnSQL

Get your Free SQL Competence Certificate

Query 3

Query 4

Query 5

Query 6

Query 7

Query 8

Query 9

Query 10

SQL Tutorial for Beginners [Ultimate Full Course] - From Zero to HERO - SQL Tutorial for Beginners [Ultimate Full Course] - From Zero to HERO 4 hours, 4 minutes - *Table of Content* 00:00 Introduction to **SQL**, Course 00:01:58 Course Curriculum Overview 00:03:41 Chapter1 - **SQL**, Basics ...

Introduction to SQL Course

Course Curriculum Overview

Chapter1 - SQL Basics

1 Introduction to SQL

2 Why learn SQL?

3 SQL Database Concepts

4 SQL Table Concepts

5 Main SQL Commands

6 Elements of SQL Statements

Chapter2 - Prepare the Environment

7 Download \u0026 Install MySQL

8 Tour in MySQL Interface

9 Install the Course Database

10 Guide to SQL Coding Style

Chapter3 - Querying Data

11 SQL SELECT

12 SQL DISTINCT

13 SQL ORDER BY

Chapter4 - Filtering Data

14 SQL WHERE

15 SQL Comparison Operators

16 SQL Logical Operators AND, OR, NOT

17 SQL BETWEEN

18 SQL IN

19 SQL LIKE

Chapter5 - Joining Data

20 JOINS Concept

21 SQL Alias - AS

22 SQL INNER JOIN

23 SQL LEFT JOIN

24 SQL RIGHT JOIN

25 SQL FULL JOIN

26 SQL UNION \u0026 UNION ALL

Chapter6 - SQL Functions

27 SQL Aggregate Functions

28 SQL String Functions

Chapter7 - SQL Advanced Topics

29 SQL GROUP BY

30 SQL HAVING

31 SQL Subquery: EXISTS vs IN

Chapter8 - Modifying Data

32 SQL INSERT

33 SQL UPDATE

34 SQL DELETE \u0026 TRUNCATE

Chapter9 - Defining Data

35 SQL CREATE Table

36 SQL ALTER Table

37 SQL DROP Table

Next SQL Course \u0026 THANK YOU

6 Query Tuning Techniques - Solve 75% SQL Server Performance Problems (by Amit Bansal) - 6 Query Tuning Techniques - Solve 75% SQL Server Performance Problems (by Amit Bansal) 1 hour, 37 minutes - Want Amit Bansal to deliver a private batch for your team members? Drop an email to contact@sqlmaestros.com Want access to ...

Watch Brent Tune Queries - SQLSaturday Oslo - Watch Brent Tune Queries - SQLSaturday Oslo 1 hour, 1 minute - Ever wonder somebody else does it? Watch as I take a shot at a query from Stack Overflow. Database, query, \u0026 resources: ...

Introduction

Query Execution

Estimates vs Actuals

SQL Server Estimates

SQL Server Doesnt Know

Clippys Index

Running the query

Freeing the plan

Live execution plan

Remove John Skeet

Activity Monitor

Blitzcash

SQLServer

Stored Procedures

Execute

Live Query Stats

What if

Whats missing

parallelism

execution plan

comments table

times table

indexing or parallelism

fixing the dang estimate

index tuning

breadcrumb trail

progress

time

logical reads

statisticsparser

query

table variable

stored procedure

query hint

parallelism query hint

cost threshold for parallelism

use a parallel plan

use parallelism

John Skeet

Resources

Be Creepy

Part 1 - How to Troubleshoot a Slow Running Query in SQL Server by Amit Bansal (Recorded Webinar) - Part 1 - How to Troubleshoot a Slow Running Query in SQL Server by Amit Bansal (Recorded Webinar) 51 minutes - Want access to all our free webinars? Become a free member at SQLMaestros.com and access all the free webinars.

Introduction

Data Platform Geeks Community

Slides

Questions

Chat Window

Technical Webinar

About SQL mistress

Performance tuning

What are the different things you do

Topic of the session

Can you see the VM

First basic example

Simulating a performance problem

Executing a stored procedure

Investigating the execution plan

Estimated plan

HUD question

Weight stats

Check for weight stats

Set up extended events

QA

Summary

Knowledge Partners

SQL tutorial from basic to advance in one complete video | SQL Full Course in Hindi - SQL tutorial from basic to advance in one complete video | SQL Full Course in Hindi 8 hours, 3 minutes - Master **SQL**, in One Complete Video! Whether you're a beginner or looking to enhance your **SQL**, skills, this all-in-one tutorial ...

Intro

What is SQL

Types of command

Create Database and Table in SQL

Inserting data in Table in SQL

Deleting rows, and columns From Table

Update data in SQL

Update data using SQL Toolbar

Query toolbar in SQL

Alter Column and Datatype in SQL

Assignment with Solution

How to import CSV File into SQL

How to import CSV File Directly into SQL

Types of Operators in SQL

Comparison Operators in SQL

Logical Operators in SQL

Between Like and In Operator in SQL

Other Operators in SQL

Set Operators in SQL

Functions in SQL

String Functions in SQL

Date \u0026 Time Functions in SQL

Date \u0026 Time Functions in SQL - II

Conditional Functions in SQL

Assignment on Case Functions in SQL

COALESCE Function in SQL

Window Function in SQL

How to use Joins in SQL

How to use Joins in SQL - II

SQL PROJECT

SQL - Complete Course in 3 Hours | SQL One Shot using MySQL - SQL - Complete Course in 3 Hours | SQL One Shot using MySQL 3 hours, 16 minutes - Early bird offer for first 5000 students only! International Student (payment link) - https://buy.stripe.com/7sI00cdru0tg10saEQ ...

Start

Introduction to SQL

What is database?

Types of databases

Installation of MySQL

Database Structure

What is table?

Creating our first database

Creating our first table

SQL Datatypes

Types of SQL Commands

Database related queries

Table related queries

SELECT Command

INSERT Command

Practice Questions

Keys

Constraints

SELECT Command in Detail

Where Clause

Operators

Limit Clause

Order By Clause

Aggregate Functions

Group By Clause

Practice Questions

Having Clause

General Order of Commands

UPDATE Command

DELETE Command

Revisiting Foreign Keys

Cascading Foreign Keys

ALTER Command

CHANGE and MODIFY Commands

TRUNCATE Command

JOINS in SQL

UNION in SQL

SQL Sub Queries

MySQL Views

The Ultimate SQL Window Functions Course | Complete End-to-End Guide - The Ultimate SQL Window Functions Course | Complete End-to-End Guide 3 hours, 51 minutes - ?? *Timestamp* 00:00 intro 00:20 - What is Window Functions 56:51 - What are aggregate Window Functions 02:03:30 - What ...

Top SQL interview Questions and Answers | Most Asked SQL Questions for Job interview - Top SQL interview Questions and Answers | Most Asked SQL Questions for Job interview 22 minutes - Top SQL, interview Questions and Answers | Most Asked **SQL**, Questions for Job interview Want more similar videos- hit like, ...

FREE SQL Server DBA Demo | Master Backup \u0026 Restore Strategies! - FREE SQL Server DBA Demo | Master Backup \u0026 Restore Strategies! by SQL School 3,841 views 2 days ago 21 seconds – play Short - What You'll Learn in this Free **SQL**, Server DBA Demo: Step-by-step Backup \u0026 Restore procedures Proven methods to ...

My Indexing Strategy for Every SQL Project | Indexing Best Practices | #SQL Course 41 - My Indexing Strategy for Every SQL Project | Indexing Best Practices | #SQL Course 41 19 minutes - ?? *Timestamp* 00:00 - Intro 00:50 - The Golden Rule 03:07 - Phase 1: Initial Indexing Strategy 09:24 - Phase 2: Usage Patterns ...

Intro

The Golden Rule

Phase 1: Initial Indexing Strategy

Phase 2: Usage Patterns

Phase 3: Scenario-Based Indexing

Phase 4: Monitoring \u0026 Maintenance

Summary Indexing Strategy

SQL Query Optimization and performance tuning tips | SQL Tutorial for Beginners | SQL Interview tips - SQL Query Optimization and performance tuning tips | SQL Tutorial for Beginners | SQL Interview tips 8 minutes, 22 seconds - Unlock the secrets to efficient **SQL**, query optimization and performance tuning with our comprehensive tutorial designed for ...

SQL Stored Procedures - What They Are, Best Practices, Security, and More... - SQL Stored Procedures - What They Are, Best Practices, Security, and More... 44 minutes - Microsoft **SQL**, can be confusing. There are a TON of features, options, and settings to consider when attempting to use it. One of ...

Intro

Demo Data Base overview

Creating new stored procedure

Calling the stored procedure

Changing existing stored procedure

Stored procedure with variables

Stored procedures: Recap

Benefits of stored procedures: Security

DB security: Users and Roles

Other benefits of stored procedures

Drawbacks: No source control

Drawbacks: Business logic in DB

Drawbacks: Using Entity Framework

Summary and concluding remarks

SQL Full Course for Beginners (30 Hours) – From Zero to Hero - SQL Full Course for Beginners (30 Hours) – From Zero to Hero 29 hours - *Table of Content* ___ Beginner Level___ 00:00 Intro 07:38 Introduction to **SQL**, 22:33 Setup Your Environment 34:01 Query ...

Learn SQL Beginner to Advanced in Under 4 Hours - Learn SQL Beginner to Advanced in Under 4 Hours 4 hours, 4 minutes - RESOURCES: Analyst Builder - https://www.analystbuilder.com/ Take my Full MySQL Course Here: https://bit.ly/3tqOipr ...

Intro

Installing MySQL and Setting up Database

Select Statement

Where Clause

Group By

Having vs Where

Limit and Aliasing

Joins

Unions

String Functions

Case Statements

Subqueries

Window Functions

CTEs

Temp Tables

Stored Procedures

Triggers and Events

Data Cleaning Project

Exploratory Data Analysis Project

Developer Best Practices in SQL Server by Amit R S Bansal - Developer Best Practices in SQL Server by Amit R S Bansal 1 hour, 11 minutes - Explore SQLMaestros All-In-One Performance Tuning Bundle. 5 courses at a highly discounted price.

Oracle PL/SQL Best Practices Part 1 - Oracle PL/SQL Best Practices Part 1 46 minutes - Themis instructor John Mullins helps you become familiar with best practices when coding Oracle PL/**SQL best practices**,.

Initializing Variables

For Update Clause

Update of Salary

Variables

Preset Type Attribute

Context Switch

While Loop

Loop Counter

User-Defined Exception

6 SQL Joins you MUST know! (Animated + Practice) - 6 SQL Joins you MUST know! (Animated + Practice) 9 minutes, 47 seconds - To **practice SQL**,, run the following commands: docker run --detach --name my-postgres --env ...

Intro

Primary and Foreign keys

Inner Join

Left Join

Right Join

Full Join

Union

Cross Join

3. SQL Best Practices: Writing Readable and Maintainable SQL Code - 3. SQL Best Practices: Writing Readable and Maintainable SQL Code 6 minutes, 39 seconds - In this video, we explore **best practices**, for writing clean, readable, and maintainable **SQL**, code. Whether you're just starting out or ...

20 Essential SQL Best Practices for Efficient Database Management - 20 Essential SQL Best Practices for Efficient Database Management 50 minutes - Optimize your database performance with these 10 essential **SQL best practices**,. Learn how to write efficient queries, improve ...

7 Database Design Mistakes to Avoid (With Solutions) - 7 Database Design Mistakes to Avoid (With Solutions) 11 minutes, 29 seconds - Designing a database is an important part of implementing a feature or creating a new application (assuming you need to store ...

Intro

Mistake 1 - business field as primary key

Mistake 2 - storing redundant data

Mistake 3 - spaces or quotes in table names

Mistake 4 - poor or no referential integrity

Mistake 5 - multiple pieces of information in a single field

Mistake 6 - storing optional types of data in different columns

Mistake 7 - using the wrong data types and sizes

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