

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 been 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

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

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: ...

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**, ...

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 ...

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

SAP S/4HANA Data Migration Consultant Full Course | ZaranTech - SAP S/4HANA Data Migration Consultant Full Course | ZaranTech 5 hours, 21 minutes - This course covers essential concepts, methodologies, tools, and **best practices**, for planning, executing, and validating data ...

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 & Time Functions in SQL

Date & 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

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, ...

SQL Tutorial for Beginners | Full SQL Course In Hindi - SQL Tutorial for Beginners | Full SQL Course In Hindi 2 hours, 34 minutes - SQL, Tutorial for Beginners - Learn complete **SQL**, from basics to advance in one video. This course is for beginners (with zero ...

SQL Course Intro

Introduction to SQL

Data Types, Primary-Foreign Keys & Constraints

Create Table In SQL & Create Database

INSERT UPDATE, DELETE & ALTER Table

SELECT Statement & WHERE Clause

How To Import Excel File (CSV) to SQL

Functions in SQL and String Functions

Aggregate Functions

Group By and Having clause

Time Stamp, Date Time and Extract Function

JOINS in SQL, Types and Syntax

SELF JOIN, UNION \u0026 UNION ALL

Sub Query in SQL

Window Function

Case Statement/Expression

CTE-Common Table Expression

SQL Course Outro

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 Doesn't Know

Clippy's 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

SQL For Data Analysis Full Portfolio Project with Practical [1Hour] | End-to-End SQL Project 2024 - SQL For Data Analysis Full Portfolio Project with Practical [1Hour] | End-to-End SQL Project 2024 1 hour, 23 minutes - SQL, For #DataAnalysis Full Portfolio Project with Practical [1Hour] | End-to-End #SQL, Project 2024 To learn Data Analytics ...

Expert Level SQL Tutorial - Expert Level SQL Tutorial 23 minutes - In this video I will show you what it takes to be a **SQL**, expert. I will cover unions, recursive/hierarchical queries and partitioning.

Unions

Recursion

Recursive Query

Inner Join

Anchor Query

Partitioning

Calculate the Percent of Total

SQL Columnstore Index Explained | Columnstore vs Rowstore Indexes | #SQL Course 36 - SQL Columnstore Index Explained | Columnstore vs Rowstore Indexes | #SQL Course 36 26 minutes - ??
Timestamp 00:00 - Intro 00:23 - What is Columnstore Index? 01:45 - Process of Building Columnstore 08:15 - Columnstore ...

Intro

What is Columnstore Index?

Process of Building Columnstore

Columnstore vs. Rowstore Indexes

How to Create Columnstore Index

?Azure Databricks Series: Boosting Query Performance with OPTIMIZE in Delta table? - ?Azure Databricks Series: Boosting Query Performance with OPTIMIZE in Delta table? 12 minutes, 6 seconds - Introduction In this video, we explore a crucial optimization technique in Azure Databricks that can significantly enhance query ...

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 \u0026amp; 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

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

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 ...

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

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

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

Biggest SQL ****MISTAKE**** Beginners Still Make! - Biggest SQL ****MISTAKE**** Beginners Still Make!
by Manish Sharma 8,282 views 1 month ago 35 seconds – play Short - Want to know the secret to keeping
your furniture looking brand new for years to come? It starts with one simple rule: never touch ...

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.

Roadmap for Learning SQL - Roadmap for Learning SQL 4 minutes, 52 seconds - Animation tools: Adobe
Illustrator and After Effects. Checkout our bestselling System Design Interview books: Volume 1: ...

Introduction

SQL Operations

SQL Functions

Conclusion

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Spherical videos

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