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SQL Server Top 100 Interview Questions



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Top 100 MSSQL Interview Questions

For Starters, Experienced

- Q1. What is the main purpose of an index?
- Q2. What are the different types of indexes in sql server 2022 version?
- Q3. What is the main purpose of statistics?
- Q4. What are the different types of statistics in sql server 2022 version?
- Q5. What is the relation between indexes and statistics?
- Q6. How do you optimize an mssql query?
- Q7. How does primary key impact on the performance of a table?
- Q8. How do you find size of a table?
- Q9. In practical real-life scenarios how to find indexes of a table?
- Q10. You have a table with identity property. You truncate data from the table. Then you insert new data. What happens to the identity value? Will it increment as usual? Or reset?

Pls try above questions, send your answers to <https://wa.me/+919030040801>



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Top 100 MSSQL Interview Questions

For Starters, Experienced

Q11. What are the types of Keys in SQL Server?

Q12. How do you verify the relations across tables in an SQL Database?

Q13. In Database Diagram from Visual Studio or management studio how do you verify Parent table and Child table?

Q14. When it comes to data validations which one you prefer Check Constraints or Stored Procedures, and why?

Q15. Which one do you prefer? Primary Key or Unique Key and why?

Q16. What are the Database objects you are aware of?

Q17. Which objects store data in a database?

Q18. Which objects store queries in a database?

Q19. Which objects are used to optimize a database?

Q20. Which objects are dependent on table?

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Top 100 MSSQL Interview Questions

For Starters, Experienced

Q21. What are the Realtime uses of views?

Q22. How do you implement RLS using views?

Q23. How do you define a view dependent on a table?

Q24. What are system views? What is their main purpose?

Q25. In what scenarios do we need to use WITH CHECK OPTION? In what scenarios cannot we use WITH CHECK OPTION?

Q26. What is the Realtime use of Stored Procedure?

Q27. What are the various types of stored procedures

Q28. Identify the syntax error in the stored procedure you see above,

Q29. How do Stored Procedures help us for better performance of queries?

Q30. What are the steps you follow if a Stored Procedure runs slow?

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Top 100 MSSQL Interview Questions

For Starters, Experienced

Q31. What are the Realtime uses of Joins?

Q32. What are the various types of joins in MSSQL?

Q33. What are the different options we use in Real-world when working with joins?

Q34. What is the difference between Join Types and Join Options?

Q35. Using given tables how do you derive results? What type of join you will use?

Q36. What is the practical use of Schemas?

Q37. How do you verify list of schemas in a database?

Q38. What is the practical use of Schema Binding?

Q39. How do you set default schema for a User in a database?

Q40. In what cases, do you need to use default schema only?

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Top 100 MSSQL Interview Questions

For Starters, Experienced

Q41. How do you plan a Very Large Databases (VLDB)?

Q42. What are the Realtime use cases of a Filegroups?

Q43. How do you store a table in specific file group?

Q44. How to store a table in specific file?

Q45. How do you move a table from one file group to another?

Q46. How to move a table from one file to another?

Q47. How do you verify the location of a table?

Q48. Can a Primary Filegroup contain secondary files?

Q49. How to store a table in specific set of file groups?

Q50. What is the recommended size of Log file?

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Top 100 MSSQL Interview Questions

For Starters, Experienced

Q51. What are keywords?

Q52. What are operators?

Q53. What is the use of "where" keyword?

Q54. What is the difference between char and varchar?

Q55. What is LSN?

Q56. What is check point and what is commit? What is the difference?

Q57. What are client protocols?

Q58. What is TDS packet?

Q59. What is the practical use of query optimizer?

Q60. What is MDAC? How do you resolve MDAC errors in real-time?

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Top 100 MSSQL Interview Questions

For Starters, Experience

Q61. In what cases you need to use [] in column names?

Q62. Can a database have more than one table with same name?

Q63. What is the difference between unique and primary key?

Q64. Can we define primary key on character columns?

Q65. Can we define multiple constraints on a single column?

Q66. Where do you verify the list of schemas in the database?

Q67. How to verify the default schema?

Q68. When to use schemas in real-world?

Q69. How to verify list of schemas and tables?

Q70. How do you optimize or tune index of a table?

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Top 100 MSSQL Interview Questions

For Starters, Experienced

- Q71. You were given some tables with data. Where do you check the relations between the tables in gui?
- Q72. Write a query to report list of all schemas and number of tables in each schema in the currently connected database?
- Q73. Can you use order by inside view? If not, what is the alternative?
- Q74. What is "sys" in above statements? What kind of object is this? Where do you verify?
- Q75. You are connected to a database called db1. How do you verify the schemas that are residing in another database db2?
- Q76. Which is faster?
Option 1: view
Option 2: procedure
- Q77. When to use view? And when to use procedure?
- Q78. When to use stored procedures?
- Q79. Are parameters mandatory to work with procedures?
- Q80. Can we call a function inside procedure?

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Top 100 MSSQL Interview Questions

For Starters, Experienced

Q81. What is the practical use of triggers from database administration perspective?

Q82. What is the practical use of triggers from database development perspective?

Q83. What is the practical use of triggers from data engineering perspective?

Q84. What are different types of functions?

Q85. Can we call a procedure inside a function?

Q86. Is begin.end mandatory for function?

Q87. What are the types of triggers for DML events?

Q88. What is the use of memory tables or magic tables?

Q89. Can we define more than one trigger on the same table?

Q90. What is a session?

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Top 100 MSSQL Interview Questions

For Starters, Experienced

Q91. How do ensure faster data imports?

Q92. You were given a table. How do you identify if any triggers are defined on the table? At least three possible options.

Q93. What is the difference between schemas and filegroups?

Q94. Explain lock hints. Give an example on how to prevent lock hints.

Q95. What are "dirty reads"?

Q96. What are "acid" properties?

Q97. How to copy data from local temp tables to a global temp table?

Q98. How do you verify if a given table is a local temporary table or a global temporary table?

Q99. How can we define primary key on character columns?

Q100. What are the conditions to define a foreign key on a table?

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