



Colegio de San Juan de Letran
Dominican Avenue, Abucay, Bataan
Library and Media Services

RESEARCH GUIDE: SQL SERVER

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RESEARCH GUIDES

SQL SERVER

I. SCOPE NOTE

SQL is a special-purpose programming language designed to handle data in a relational database management system. A database server is a computer program that provides database services to other programs or computers, as defined by the client-server model. [Techmonitor](#).

II. SEARCH AIDS (BT: Broader Term, RT: Related Term, NT: Narrow Term)

BT:

- Computer Science; Information Technology

RT:

- Programming
- Database Server
- Programming Language
- Management System
- Software
- Relational Keys
- Select Queries
- Joins
- Data Modelling
- Table Types
- Star Schema
- Snow Flake Schema
- Data Definition Language (DDL)
- Data Manipulation Language (DML)

NT:

- Primary Keys
- Foreign Keys
- Product ID
- Product Type
- Inner Join
- Left (Outer) Join
- Right (Outer) Join
- Full Outer Join
- Table Relationships
- Dimensional Table
- Fact Table
- Create
- Drop

- Truncate
- Alter
- Delete
- Update
- Insert

III. INFORMATION RESOURCES

A. LIBRARY RESOURCES

Note: For the appropriate access credentials, please contact the Letran Bataan Library

➤ E-JOURNALS

- Information Management.
https://www.proquest.com/central/publication/publications_51938
- Network Security. https://www.proquest.com/central/publication/publications_25866
- Applied Mechanics and Materials.
https://www.proquest.com/central/publication/publications_2029177
- Network World Canada.
https://www.proquest.com/central/publication/publications_43820
- Journal of Physics: Conference Series.
https://www.proquest.com/central/publication/publications_4998668
- International Journal of Research and Reviews in Computer Science.
https://www.proquest.com/central/publication/publications_276284
- Journal of Blacks in Higher Education (Online).
https://www.proquest.com/central/publication/publications_1056397
- IUP Journal of Computer Sciences.
https://www.proquest.com/central/publication/publications_2029993
- Computer. https://www.proquest.com/central/publication/publications_36684
- Informatica Economica.
https://www.proquest.com/central/publication/publications_55108
- Journal of Technology and Information Education.
https://www.proquest.com/central/publication/publications_326367

➤ E-THESES

- Raisinghani, M. S. (1992). Client-server computing model and comparison of commercially available database servers (Order No. 1348615). Available from ProQuest Central. (220078916). Retrieved from <https://www.proquest.com/dissertations-theses/client-server-computing-model-comparison/docview/220078916/se-2?accountid=190548>
- Van Exel, Leslie M., Jr. (2012). Applying database refactoring techniques to procedural SQL (Order No. 1511395). Available from ProQuest Central. (1011642997). Retrieved from <https://www.proquest.com/dissertations-theses/applying-database-refactoring-techniques/docview/1011642997/se-2?accountid=190548>

- Van Wagner, T. (2016). Development and integration of FHIR with open-source EMR and relational databases (Order No. 10168444). Available from ProQuest Central. (1847984115). Retrieved from <https://www.proquest.com/dissertations-theses/development-integration-fhir-with-open-source-emr/docview/1847984115/se-2?accountid=190548>
- Morgan, J. S. (2015). Development and implementation of an enterprise-wide data quality improvement (EDQI) system for biobanking software (Order No. 3717030). Available from ProQuest Central. (1711166782). Retrieved from <https://www.proquest.com/dissertations-theses/development-implementation-enterprise-wide-data/docview/1711166782/se-2?accountid=190548>

B. OPEN ACCESS

➤ FREE E-BOOKS

- Ben-Gan, Itzik. (2009). Inside Microsoft SQL Server 2008: T-SQL Querying eBook. Washington: Microsoft Press. <https://www.pdfdrive.com/inside-microsoft-sql-server-2008-t-sql-querying-ebook-d18921698.html>
- Ben-Gan, Itsik. (2012). SQL Server® 2012 T-SQL Fundamentals. Washington: Microsoft Press. <https://www.pdfdrive.com/sql-server-2012-t-sql-fundamentals-e33448617.html>
- Brimhall, Jason. SQL Server T-SQL Recipes, 4th Edition. Apress. <https://www.pdfdrive.com/sql-server-t-sql-recipes-4th-editionpdf-d42202249.html>
- Pollack, Edward. (2019). Dynamic SQL: Applications, Performance, and Security in Microsoft SQL Server. U.S.A.: Apress. <https://www.pdfdrive.com/dynamic-sql-applications-performance-and-security-in-microsoft-sql-server-e187215610.html>
- Viescas, John L. (2016). Effective SQL: 61 Specific Ways to Write Better SQL. Boston: Addison Wesley. <https://www.pdfdrive.com/effective-sql-61-specific-ways-to-write-better-sql-d158205636.html>
- Armstrong, D. (2016). SQL: with practice exercises, Learn SQL Fast. <https://www.pdfdrive.com/sql-with-practice-exercises-learn-sql-fast-d186477551.html>

➤ FREE E-JOURNALS

- Journal of Internet and Information Systems. <https://academicjournals.org/journal/JIIS/article-full-text/D74EDF358447>
- Database Journal. <https://www.databasejournal.com/features/article.php/3593466/MS-SQL-Series.htm>

➤ FREE E-THESES

- Zeman, J. (2019). Využití SQL databází pro podporu řízení lidských zdrojů: Use of SQL Databases to Support Human Resource Management. (Thesis). Brno University of Technology. Retrieved from <http://hdl.handle.net/11012/591>
- Říha, P. (2019). Návrh SQL databáze pro podporu činností malé IT firmy: Proposal of SQL Database to Support the Activities in Small IT Company. (Thesis). Brno University of Technology. Retrieved from <http://hdl.handle.net/11012/7828>

- Rudol, P. (2019). Datové sklady a OLAP v prostředí MS SQL Serveru: Data Warehousing and OLAP in MS SQL Server Environment. (Thesis). Brno University of Technology. Retrieved from <http://hdl.handle.net/11012/56053>
- Pernicová, A. (2019). Migrace databáze z Microsoft SQL Serveru do cloudového řešení Microsoft Azure SQL databáze: Database Migration from Microsoft SQL Server to Cloud Microsoft Azure SQL Database. (Thesis). Brno University of Technology. Retrieved from <http://hdl.handle.net/11012/67689>
- Konečný, M. (2019). Vytvoření SQL databáze pro podporu evidence hardwaru: SQL Database Creation to Support Evidence of Hardware. (Thesis). Brno University of Technology. Retrieved from <http://hdl.handle.net/11012/7857>
- Šimanovský, F. (2019). Synchronizace databází MySQL a MS SQL: MySQL and MS SQL Database Synchronization. (Thesis). Brno University of Technology. Retrieved from <http://hdl.handle.net/11012/56633>
- Opršal, M. (2019). Dolování dat v prostředí DB serveru Oracle a MS SQL Serveru: Data Mining on Oracle Database Server and MS SQL Server. (Thesis). Brno University of Technology. Retrieved from <http://hdl.handle.net/11012/55514>
- Madron, L. (2019). Datové sklady a OLAP v prostředí MS SQL Serveru: Data Warehouses and OLAP in MS SQL Server Environment. (Thesis). Brno University of Technology. Retrieved from <http://hdl.handle.net/11012/53159>
- Pyszko, P. (2018). Technologie vysoké dostupnosti MS SQL Serveru: High availability Microsoft Sql Server. (Thesis). Brno University of Technology. Retrieved from <http://hdl.handle.net/11012/40012>
- Stašo. (2018). Analytické služby SQL databáze: Analytical Service of SQL Database. (Thesis). Brno University of Technology. Retrieved from <http://hdl.handle.net/11012/9295>
- Danturthi, S. (2011). Comparative Study of Web Application Development with SQL Server and Db4o. (Thesis). Mälardalen University. Retrieved from <http://urn.kb.se/resolve?urn=urn:nbn:se:mdh:diva-12966>
- Pijáček, R. (2019). Získávání znalostí v prostředí MS SQL: Knowledge Discovery in MS SQL Environment. (Thesis). Brno University of Technology. Retrieved from <http://hdl.handle.net/11012/55891>
- Košinová, K. (2019). Tvorba vnitropodnikové databáze s využitím SQL Serveru: Creating Internal Database by Using SQL Server. (Thesis). Brno University of Technology. Retrieved from <http://hdl.handle.net/11012/7829>

C. PROFESSIONAL ORGANIZATIONS

- Computer Professional for Social Responsibility. <http://cpsr.org/>
- Association of Software Professionals. <https://asp-software.org/www/>
- Association for Computing Machinery. <https://www.acm.org/>
- Association for Information Technology Professionals. <https://www.baylor.edu/business/mis/index.php?id=92998>
- Association of Independent Information Professionals (AIIP). <https://www.aiip.org/>
- IEEE Computer Society. <https://www.computer.org/membership>

D. OTHER RELATED WEB PORTALS

- SQL Server Central Blog. <https://www.sqlservercentral.com/blogs>
- Journey to SQL Authority with Pinal Dave. <https://blog.sqlauthority.com/>
- SQL Shack. <https://www.sqlshack.com/>
- SQL Server with Mr. Denny. <https://www.dcac.co/author/admin>
- Redgate Software Blog. <https://www.red-gate.com/blog>
- Essential SQL. <https://www.essentialsql.com/blog/>
- Ever SQL. <https://www.eversql.com/blog/>
- Microsoft SQL Server Blog. <https://cloudblogs.microsoft.com/sqlserver/>
- Oracle | All Things SQL Blog. <https://blogs.oracle.com/sql/>
- MS SQL Tips | Latest SQL Server Tips. <https://www.mssqltips.com/>
- LearnSQL.com | SQL Blog. <https://learnsql.com/blog/>
- {coding}Sight | Awesome blog for SQL Server and .NET Developers. <https://codingsight.com/>
- Welcome To Tech Brothers IT. <http://www.techbrothersit.com/>
- SQLPerformance.com. <https://sqlperformance.com/>
- My Tech Mantra. <https://www.mytechmantra.com/>

E. RELATED RESEARCH GUIDES

- NYU Libraries. <https://guides.nyu.edu/quant/sql>
- Illinois University of Springfield. <https://www.uis.edu/informationtechnologyservices/teaching-and-learning/cscmis/sqlserver/>

IV. TUTORIALS

- SQL Server Tutorial For Beginners | Microsoft SQL Server Tutorial | SQL Server Training | Edureka. https://www.youtube.com/watch?v=-EPMOaV7h_Q
- SQL Basics Tutorial For Beginners | Installing SQL Server Management Studio and Create Tables | ¼. <https://www.youtube.com/watch?v=RSIqWnP-Dy8>
- Learn SQL in 1 Hour - SQL Basics for Beginners. <https://www.youtube.com/watch?v=9Pzj7Aj25lw>
- Sql Server Tutorial for Beginners | SQL For Beginners | SQL Tutorial. <https://www.youtube.com/watch?v=BehQb86HQuY>
- Introduction of SQL Server | SQL Server Tutorial. <https://www.youtube.com/watch?v=eSUG8zZ7DfQ>
- Connecting to SQL Server using SSMS - Part 1. <https://www.youtube.com/watch?v=ZNObipTSM5I>
- SQL Tutorial for Beginners | SQL Server Tutorial Step by Step | Learn SQL Server | Learn SQL Online. <https://www.youtube.com/watch?v=o9D6G-LVp5U>
- Plural Sight. <https://www.pluralsight.com/browse/data-professional/sql-server>

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