

aws marketplace

SQL Server 2014 Express

Reviews, tips, and
advice from real users



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Contents

Product Recap.....	3 - 4
Valuable Features.....	5 - 9
Other Solutions Considered.....	10
Use Case.....	11 - 13
Setup.....	14
Customer Service and Support.....	15
Other Advice.....	16 - 17
Trends.....	18 - 19
About PeerSpot.....	20 - 21

Product Recap



SQL Server 2014 Express

SQL Server 2014 Express Recap

SQL Server 2014 Express is a free, entry-level database solution ideal for applications needing lightweight data management capabilities. It provides reliable performance with limited resources.

SQL Server 2014 Express is designed for small-scale applications requiring a simple yet effective database management system. Offering core database management capabilities, it is suitable for developers, small businesses, and educational institutions. Its integration capabilities make it versatile in connecting with other Microsoft products, aiding in seamless workflows and data handling.

What are the key features of SQL Server 2014 Express?

- **Free and Lightweight:** Provides essential database tools without cost constraints, suitable for small projects.
- **Scalability:** Can handle up to 10GB of data per database, supporting growth within specific data limits.
- **Security:** Includes robust encryption and security features, ensuring data protection.
- **Integration:** Seamlessly works with Microsoft applications, facilitating better data flow and management.

What benefits should users seek in reviews?

- **Cost Efficiency:** Eliminates licensing costs, making it economic for small businesses and startups.
- **Ease of Use:** Offers straightforward installation and manageable configuration, saving time and resources.
- **Reliability:** Consistently performs well under limited workloads, providing dependable service.
- **Support and Community:** Strong community and support from Microsoft, enhancing user experience.

Industries like education and healthcare often use SQL Server 2014 Express for managing records or small-scale applications. Educational institutions may employ it for organizing student data, while healthcare systems can utilize its capabilities for patient data management, ensuring efficient operations with limited IT budgets.

Valuable Features

Excerpts from real customer reviews on PeerSpot:

- ✓ “SQL Server 2014 Express helped me gain a real-world application and practical database skills.”



Verified user

Student at a university with 501-1,000 employees

- ✓ “The best features of SQL Server 2014 Express are that it can be downloaded, it is open source, can be downloaded on any desktop, and it is a free version with no charge for downloads, making it highly useful for students and developers building applications for standalone or enterprise applications.”



Manojkumar Reddy

Associate Technology Consultant at a tech vendor with 10,001+ employees

- ✓ “SQL Server 2014 Express has impacted my organization positively because it is time-saving.”



Rajneesh Prajapati

Senior Rpa Consultant at Accely Consulting



“SQL Server 2014 Express has positively impacted my organization by improving my knowledge in SQL coding and making my work faster.”



Claudia Agosti

Consultant at a tech vendor with 10,001+ employees

What users had to say about valuable features:

“The best feature SQL Server 2014 Express offers is the fact that it is free. Another valuable feature is that it is very express and quite similar to other solutions that are very expensive. SQL Server 2014 Express has positively impacted my organization by improving my knowledge in SQL coding and making my work faster. It is faster because I could improve my skills in coding in SQL for free..”

Claudia Agosti

Consultant at a tech vendor with 10,001+ employees

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“The best features of SQL Server 2014 Express are that it can be downloaded, it is open source, can be downloaded on any desktop, and it is a free version with no charge for downloads, making it highly useful for students and developers building applications for standalone or enterprise applications.

Upon using SQL Server 2014 Express, there is a positive impact on the development side since I do not need to depend on the production environment. I just need approval from the organization side to download and install it, which gradually reduces the time to wait for the paid version while increasing productivity and reducing cost by eliminating resource waiting time.

For every development, I do not need to have an Enterprise version or paid version. I can download SQL Server 2014 Express and create tables and insert data to test whether everything is happening correctly, which helps replicate the same with the production environment. The easy installation and free licensing make it available with a simple process where I can easily download it on any Windows or iOS..”

Manojkumar Reddy

Associate Technology Consultant at a tech vendor with 10,001+ employees

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“The best features SQL Server 2014 Express offers are that it is free and reliable. The biggest advantage is that it is free and very stable, which makes it ideal for small scale and non-critical workloads. It integrates easily with .NET applications, automation tools, and reporting solutions. Setting up the installation and basic configuration is straightforward even for a small team.

“The integration with .NET applications and automation tools helps my team and projects by allowing me to record and store large amounts of data quickly. It processes very fast, stores very fast, reads the data, searches the data, and executes queries very quickly. However, in Excel, it does not work when the data is large.

“SQL Server 2014 Express has impacted my organization positively because it is time-saving. When I try to read Excel with a large amount of data, it is slow and sometimes it does not open because there is a lot of data. Sometimes Excel crashes. When I use SQL Server 2014 Express, it is very quick and time-saving, properly visible, and I can track where the data is breaking. It is reliable and cost-efficient for small use cases, but scalability and feature limitations prevent a higher rating..”

Rajneesh Prajapati

Senior Rpa Consultant at Accely Consulting

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“What I appreciate most is the support for important skills including joins, stored procedures, and basics, which helped me improve my practical skills. SSMS provides a perfect error line. When I get an error, it will show the syntax error, which line has the error, and how I can reduce or solve this error. It will write the proper error message explaining the type of error and providing solutions.

“I also learned how to create and alter the queries. SQL Server 2014 Express also provides trace and control. From the back-end side and front-end side, we are adding the data, and when we are giving the stored procedure to the trace, it will provide the parameters. These kinds of different features are provided by SQL Server and SSMS.

“SQL Server 2014 Express is perfect for a student's free version or a small type of application. The best features SQL Server 2014 Express offers are that it is free and perfect for students. It is a free version because students do not purchase more costly products. It is easy to install, easy to use, and easy to understand. Microsoft also provides proper general documentation on how to use it, how to install it, how to work with the data, how to work with the database, and how to do these kinds of things. It has proper documentation. It also supports stored procedures, views, cluster and non-cluster indexing, full text search, T-SQL, try and catch, and transaction supports. It is an older version, but with modern features, it would be the best.

“SQL Server 2014 Express helped me gain a real-world application and practical database skills. It is stable for small projects. It is completely free and has a rich feature set. It also supports stored procedures, triggers, views, and XMLs. It uses the same machine as the experience. It is great for learning.

“The best thing is also the proper error handling because when I am getting an error such as a syntax error, if I am creating something and I mistakenly write the wrong spelling for create, it will tell me that I made a mistake in creating a table.

“SQL Server 2014 Express has positively impacted my work by ensuring that our pure data and our full data are stored in an SSMS server. We are totally dependent on SSMS for a database..”

Verified user

Student at a university with 501-1,000 employees

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Other Solutions Considered

“I did not previously use any different solution because SQL Server 2014 Express is perfectly fine for me as it is already much faster and more reliable than Excel..”

Rajneesh Prajapati

Senior Rpa Consultant at Accely Consulting

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“We have not used any different solution earlier before SQL Server 2014 Express.

We did evaluate Oracle, PostgreSQL, and others, but due to the limitations from the organization side, we considered SQL Server 2014 Express..”

Manojkumar Reddy

Associate Technology Consultant at a tech vendor with 10,001+ employees


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Use Case

“My main use case for SQL Server 2014 Express is querying with SQL code. I use SQL Server 2014 Express in my work for analyzing the data set, so I can learn how to use SQL code and how to correctly query the tables..”

Claudia Agosti

Consultant at a tech vendor with 10,001+ employees

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“My main use case for SQL Server 2014 Express is in SQL that I'm using in my project because I am receiving data in large quantities. SQL is very fast and reads the data very quickly and processes it rapidly, so it is not dependent on SQL to slowly process; it processes quickly.

“For example, I use SQL Server 2014 Express to store bot execution logs, transaction status, and intermediate data generated by the automation process. The bot reads and writes data in real-time to track success, failure, and retries. It is also used for temporary data storage, audit tracking, and reporting for small workloads where enterprise scale databases are not required.

“It works well for storing bot logs, staging data, and small transaction workloads..”

Rajneesh Prajapati

Senior Rpa Consultant at Accely Consulting

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“SQL Server 2014 Express is a free, entry-level relational database recommended for lightweight as well as for small-scale and small embedded deployments, using the same core databases as the Enterprise version or paid versions, but with limited resource caps.

During one of my projects in my graduation course, SQL Server 2014 Express was used to store project data, including different research data that we consolidated and used for analysis purposes. In my job profile, I have used it in different areas, deploying sample data where the limited Express version is restricted to 10 GB of storage, so we usually insert some dummy data and fetch that dummy data to the actual UAT environment or during the testing process. I have used it for storing CRM data, sales data, inventory tracking, as well as accounting entries.

In one of the projects we are currently working on, the LOS implementation, we are storing client data in SQL Server 2014 Express, using it during development to fetch the data and process queries, which helps in reducing redundancy on the other databases due to a small development team..”

Manojkumar Reddy

Associate Technology Consultant at a tech vendor with 10,001+ employees

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“My main use case for SQL Server 2014 Express is that I use it for my internship. In the company, I am also working with SQL Server 2014 version, and I also use it for my academic project. As a student, it helps me understand how the database is stored. Many features of SQL Server 2014 Express are helpful, especially how the actual database works in a real scenario, not just theory. We are storing real-time data. SQL Server 2014 Express supports T-SQL, which is a structured query language. During my internship, I worked on storing and managing project data, client data, writing SQL queries, optimizing the queries, creating tables, and altering the tables. SQL Server 2014 Express was easy to set up on my system, easy to build, and easy to understand. I used SSMS to interact with the database. The interface was simple, so I did not face many difficulties while I was learning. What I appreciate most is the support for important skills including joins, stored procedures, and basics, which helped me improve my practical skills.

“In my internship, I have a specific example of a project where I used SQL Server 2014 Express when my company was working with law firm data. We needed to manage the data, and I will explain how our product is working. If one law firm uses our product, they will provide their data. We have to store it in our local database system and then we need to process that data. First, we are storing the data, then we are processing the data. After that, we will create reports and we will give them import-export functionality. They will also be able to review the documents. We are providing these kinds of features. For this, we need to process the metadata and we have to store all of these things in our database. For that, we are using SQL Server 2014 Express for storing the data, creating data, storing the database, and storing the data of the law firms' files, as well as different kinds of mails. We are extracting the mail from the metadata including sender, receiver, CC, subject, title, and the attachment file. For this kind of data, we are using SSMS 2014..”

Verified user

Student at a university with 501-1,000 employees

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Setup

The setup process involves configuring and preparing the product or service for use, which may include tasks such as installation, account creation, initial configuration, and troubleshooting any issues that may arise. Below you can find real user quotes about the setup process.

“I do not have any experience with pricing, setup costs, and licensing because it does not require any license and is totally free of cost, so it is very easy to install and use..”

Rajneesh Prajapati

Senior Rpa Consultant at Accely Consulting


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Customer Service and Support

“Support for SQL Server 2014 Express is mainly community-driven and documentation-based; enterprise-level support is available only with the paid edition..”

Rajneesh Prajapati

Senior Rpa Consultant at Accely Consulting

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Other Advice

“The advice I would give to others looking into using SQL Server 2014 Express is to be careful about the size of the database. I would rate this product a 7..”

Claudia Agosti

Consultant at a tech vendor with 10,001+ employees

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“My advice for others looking into using SQL Server 2014 Express is that for small business purposes, it is usable, but if you want to use it on a large scale, you have to buy the Enterprise edition. I would rate this product a 7..”

Rajneesh Prajapati


Senior Rpa Consultant at Accely Consulting

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“Overall, I would recommend SQL Server 2014 Express for a student. I advise others looking into using SQL Server 2014 Express that if you are storing a structured database, then you have to use SQL or SSMS server because it is the perfect and best choice for storing structured data. My review rating for SQL Server 2014 Express is 8 out of 10..”

Verified user

Student at a university with 501-1,000 employees

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“If anyone is considering a product, I recommend SQL Server 2014 Express for development works, small data insertion, or performing basic insertions or storing data. It is one of the best products in the market available and should be the first choice.

SQL Server 2014 Express is not a 10 for me only because I have experienced other databases.

I do not think there are many improvements required for SQL Server 2014 Express as I have been using it for the last seven years and comparing it with both the Enterprise and free versions, I do not observe much change. SQL Server 2014 Express is not a 10 for me only because I have experienced other databases. I gave this product a review rating of 9..”

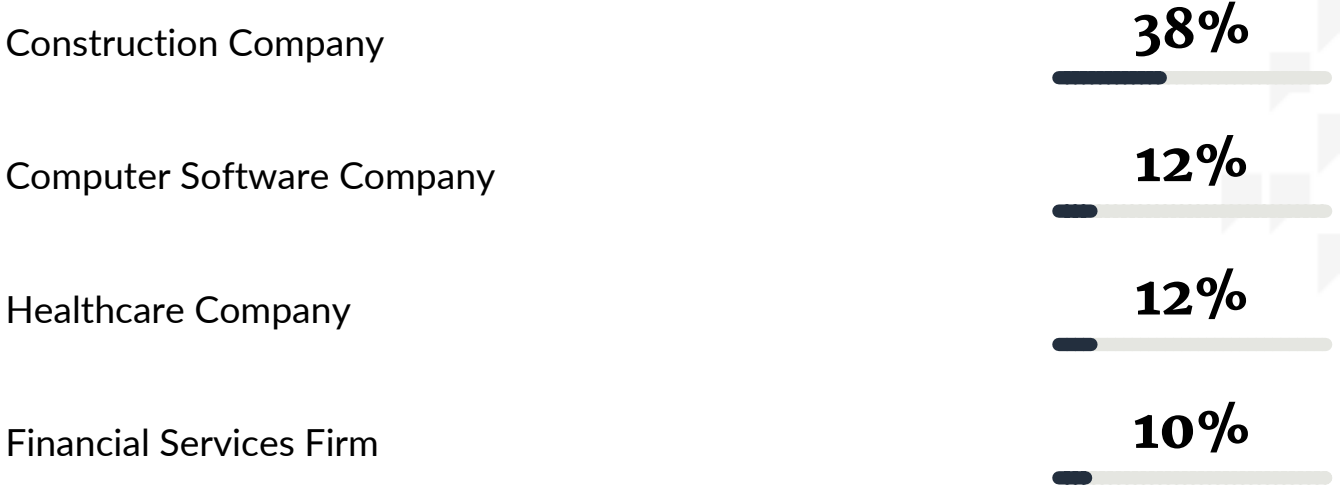
Manojkumar Reddy

Associate Technology Consultant at a tech vendor with 10,001+ employees

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Top Industries

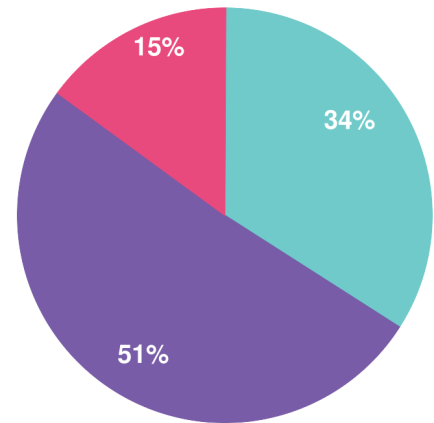
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Company Size

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Large Enterprise Midsized Enterprise Small Business

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