

aws marketplace

Red Hat Enterprise Linux (RHEL)

Reviews, tips, and advice from real users



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Product Recap



Red Hat Enterprise Linux (RHEL)

Red Hat Enterprise Linux (RHEL)

Recap

Red Hat Enterprise Linux offers stability, security, and support for mission-critical applications with robust tools and scalable architecture, ideal for diverse environments and hybrid cloud compatibility.

Red Hat Enterprise Linux provides organizations with a reliable platform ideal for high-performance computing and virtualization. Known for its robust security and seamless network administration, it integrates well with OpenShift and Ansible, ensuring adaptability and scalability. Despite challenges with documentation, upgrade complexity, and cost, RHEL remains a formidable choice thanks to its comprehensive documentation and extensive community support.

What are the key features of Red Hat Enterprise Linux?

- **Stability and Security:** Maintains high stability and advanced security measures, critical for enterprise environments.
- **Extensive Support:** Offers robust support through community and documentation, assisting with problem-solving and integration.
- **Automation with Ansible:** Simplifies tasks and enhances efficiency, optimizing operations across the infrastructure.
- **Hybrid Cloud Compatibility:** Supports cloud environments, enabling flexibility and strategic deployments.
- **Scalable Architecture:** Adapts to different workloads, making it suitable for growing organizational demands.

What benefits should users look for when evaluating Red Hat Enterprise Linux?

- **Reliable Performance:** Ensures consistent and secure operations across diverse environments, including cloud infrastructure.
- **Efficient Management:** Centralized operations make it easy to manage enterprise workloads effectively.
- **Community and Documentation:** Access to a strong community and comprehensive documentation aids in resolving issues.
- **Integration Capabilities:** Easily integrates with technologies like OpenShift and SAP, enhancing operational versatility.
- **Adaptability:** Supports a wide range of environments and technical requirements, improving strategic deployment.

Organizations across industries like financial services, telecommunications, and application

hosting implement Red Hat Enterprise Linux for server and application management. Its compatibility with technologies such as SAP, Oracle, and Ansible supports functions including web, database, and enterprise solutions, ensuring stable and secure performance in high-pressure environments.

Valuable Features

Excerpts from real customer reviews on PeerSpot:

- ✓ “The GUI is really interactive, and it's really easy to build from scratch.”



Ray Ortega

Server administrator at Northrop Grumman

- ✓ “Red Hat Enterprise Linux offers long-term stability and security, allowing for prolonged periods without reboots, and we are promptly notified by Red Hat whenever any zero-day security vulnerabilities or loopholes are discovered.”



TonyHe

Vice President at a financial services firm with 10,001+ employees

- ✓ “The feature of Red Hat Enterprise Linux (RHEL) I appreciate the most is the ability to build images from the Red Hat pipeline, which is very effective.”



Sean Doyle

Solutions Architect at a transportation company with 10,001+ employees

- ✓ “Red Hat Enterprise Linux (RHEL) is stable and secure; these are the two biggest factors that drive our usage.”



Christopher Johnston

Senior System Engineer at a manufacturing company with 10,001+ employees

- ✓ “The features of Red Hat Enterprise Linux (RHEL) that I appreciate the most include the most recent iterations such as no-downtime patching, live patching, and the ability to snapshot or snapshot LVM's; these features are more of a Linux capability, however, they have been really beneficial to us.”



Tucker Hewitt

Solutions Architect at a healthcare company with 10,001+ employees

- ✓ “It's the flexibility, almost the one-stop-shop nature, that Red Hat provides, that really creates an administrative-friendly environment.”



Jason Cummings

Senior software engineer at a financial services firm with 10,001+ employees

- ✓ “More applications are adopting a Red Hat way of operating. I personally observed many application teams port their applications to Red Hat due to these vulnerability considerations.”



Anton Marquez

Specialist Cloud and Infrastructure at LTI - Larsen & Toubro Infotech

What users had to say about valuable features:

“Things like packaging and the stability you get from things being downstream are valuable. A lot of times, upgrades are more security-based and not feature-based, so things do not break API-wise as we go forward a lot of times..”

Verified user

Lead Software Engineer at a tech services company with 51-200 employees

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“The RPM manager is paramount for us, as we need to generate these packages for our customers, enabling them to install the packages on their systems at a later time. The knowledge base they offer has proven to be quite efficient and we haven't encountered any significant challenges..”

Verified user

Software Development Engineer at a manufacturing company with 10,001+ employees

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“Red Hat Enterprise Linux is the underlying licensing system that our third-party tool uses. It offers convenience. We can open a case when we want to escalate anything.

The tool's insights included with licensing is good. Security patching is also a good feature for us. .”

Verified user

Data Platform Engineer at a manufacturing company with 10,001+ employees

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“The most valuable feature of Red Hat Enterprise Linux is the Ansible Automation Platform, closely followed by Satellite. These two tools are integral to our environment.

Satellite helps with provisioning, managing metadata, and licensing, while Ansible ensures uniform setup across our extensive environment, making the management of our infrastructure much smoother and more efficient..”

Verified user

Systems Administrator at a healthcare company with 10,001+ employees

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“I started with Solaris 10, and then we migrated to Red Hat Enterprise Linux. Apart from local zones and a few other things, its features are similar to Solaris 10. It is getting our job done. It is hardware-independent. We can use Dell, HPE, or any other hardware. It is also more reasonable than the other operating systems.

It integrates closely with other products of Red Hat, such as Ansible, which makes it more efficient..”

Verified user

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Sr. Systems Admin at a financial services firm with 10,001+ employees

“One of Red Hat Enterprise Linux’s valuable features is its enterprise-level security. We are guaranteed that it's secure, and that's important for us because we need to comply with security regulations. Security always remains a top priority.

We just run Red Hat Enterprise Linux’s built-in security features day in and day out. We know it's secure, and then we just move on to other tasks. It's like a routine where we don't have to think too much because we know it's already integrated into the whole enterprise. It's the next step, and it gives us more time to focus on other tasks..”

Verified user

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Systems Engineer at a financial services firm with 1,001-5,000 employees

Other Solutions Considered

“We switched from our previous solution to Red Hat Enterprise Linux because of the uniformity of the platform. It is also a larger organization that is well known..”

Verified user

Consultant at a tech services company with 11-50 employees

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“I've mainly used Windows on my computer or laptop. However, it was a different scenario when we were developing in the cloud and were given Red Hat Enterprise Linux servers to work with..”

Verified user

Integration Engineer at a government with 10,001+ employees

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“We evaluated other solutions. We went for Red Hat Enterprise Linux because of better handling. It might also have been cheaper, but I'm not sure. My company decided to go with Red Hat..”

Verified user

Platform Engineer at a tech services company with 501-1,000 employees

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One of the main advantages is the level of support. Red Hat Enterprise Linux provides nearly ten years of support, including two years of extended support, whereas other operating systems typically have one or two major versions released within five years. It can be challenging to allocate the budget for frequent updates over such a short period. So I think that's the main appeal of Red Hat Enterprise Linux—its ten-year support with an additional two years.

Verified user

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Systems Engineer at a financial services firm with 1,001-5,000 employees

“There are not many choices available on the system they use, probably only two or three options. Red Hat Enterprise Linux is the preferred choice, especially since it is widely used in the enterprise.

The other two choices are SUSE and Ubuntu, which are commercially available systems. Honestly, no one is going to use Ubuntu because it's not popular enough. So it's really a choice between SUSE and Red Hat Enterprise Linux. SUSE has been around longer on my platform and system settings. But I think people are shifting over to Red Hat Enterprise Linux as it runs on Intel and is more enterprise-oriented..”

Vincent Terrone

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Senior Solutions Architect at VICOM INFINITY INC

“I have worked with CentOS, Fedora, and Ubuntu. So I have experience with different flavors of Linux, from the Ubuntu side to Fedora. From a developer's point of view, the main difference, if I compare it to Ubuntu, is that they always get the latest packages, which helps them a lot.

On the other hand, with Red Hat Enterprise Linux, I understand that it's set up to prioritize security. But sometimes, from a development perspective, it's challenging for them to obtain the latest packages. As an assessment, I have to go out there, fetch the package or compile the new package for the new version, and then bring it into Red Hat Enterprise Linux so that developers can use it. I think that's the issue. It's a balancing act between trying to get the latest package versions and ensuring stability and security. It's a problem that I think everyone struggles with..”

Verified user

Systems Engineer at a financial services firm with 1,001-5,000 employees

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ROI

Real user quotes about their ROI:

“We have seen a return on investment with Red Hat Enterprise Linux concerning the ability to develop what we need, what we do, and our scenarios. The solution saves us man-hours, and man-hours equals money..”

Verified user

Senior Linux System Administrator at Torch Technology

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“We see a return on investment in terms of saving time. One thing I like is the updates because when we patch it and upgrade it, we save a lot of time doing those upgrades and migrations..”

Verified user

Developer Principal Engineer at a financial services firm with 1,001-5,000 employees

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“We have seen ROI with RHEL. Our biggest investment is in professional development through Red Hat Summit, online training, and a Red Hat Learning subscription, which we have used for courses..”

Verified user

IT Systems Engineer & Architect at a government with 1,001-5,000 employees

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“Our customers have seen an ROI because after they choose Red Hat Enterprise Linux, they stay with the product and renew the subscription. It's a good investment for the IT department..”

Verified user

Architect at a tech company with 11-50 employees

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“We have seen a return on investment with Red Hat Enterprise Linux. By transitioning applications to the Red Hat Linux platform, we have been able to reduce our data center footprint and associated costs, such as electricity. This cost savings in other areas has been a clear benefit of using Red Hat Enterprise Linux..”

Verified user

Systems Administrator at a healthcare company with 10,001+ employees

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“My customers definitely see an ROI. Especially when running it on Z platforms due to fewer processors and, consequently, fewer licenses required. They have experienced a return on investment.

When I previously worked in a Linux shop using Tusa, it was more expensive. But I think Red Hat Enterprise Linux has become more competitive, particularly for Z platforms.

One example is the consolidation of their infrastructure, getting off of Solaris, and not paying high maintenance costs. Consolidating onto Linux, specifically Red Hat, has been helpful for one of my customers..”

Vincent Terrone

Senior Solutions Architect at VICOM INFINITY INC

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Use Case

“For the past couple of years, our contractor team has been engaged with the Department of Veterans Affairs, focusing on developing and deploying software and containers and we use Red Hat Enterprise Linux for that..”

Verified user

Integration Engineer at a government with 10,001+ employees

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“My customers primarily use Red Hat Enterprise Linux for application hosting and small databases. It is used for hosting Java applications and small web servers..”

Noman Liaquat

Technical Architect at Linux on Support

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“We host our applications and database servers on Red Hat Enterprise Linux.

We mostly have an on-premises setup. We also have Red Hat Enterprise Linux running on a virtual machine..”

Verified user

Sr. Systems Admin at a financial services firm with 10,001+ employees

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One of our use cases is for our in-house applications that the development team builds. We also use it for typical tasks like running Jenkins, GitLab, and other development tools to make them accessible for the developers who write code and do software development.

Verified user

Systems Engineer at a financial services firm with 1,001-5,000 employees

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“We use Red Hat Enterprise Linux across different versions, from six to nine, to run various applications. Our main area of focus involves using Satellite support to manage and patch both the Red Hat Enterprise Linux OS and specific applications like OpenShift and other products supported by Red Hat. We have multiple environments, including Azure, AWS, and a standalone eXs host. .”

Verified user

Systems Support Analyst at a financial services firm with 10,001+ employees

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“Our primary use case for Red Hat Enterprise Linux is to set up and manage servers for various application teams, especially those dealing with hospital ADT applications. These applications handle critical data related to patient admissions and management within healthcare facilities.

While configuring Red Hat Enterprise Linux and its associated tools can be complex and sometimes frustrating, I have found that leveraging the support and resources provided by Red Hat is invaluable. Through collaboration with Red Hat's support team and a better understanding of the intricacies involved, we have significantly improved the speed and efficiency of managing our extensive infrastructure, making the process smoother and more manageable than before..”

Verified user

Systems Administrator at a healthcare company with 10,001+ 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.

“Since I've been deploying Red Hat Enterprise Linux for so long, it's not complex for me. Once we configure our kick start, we power up a new system, attach it, and it builds it..”

Verified user

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Senior Linux System Administrator at Torch Technology

“Since I've been working with Red Hat Enterprise Linux for a long time, it feels easy for me. However, for someone completely new to it, especially coming from a Windows background, it might seem more complicated. But for me, it's second nature and not that difficult. So the initial setup depends on the level of familiarity with the system.

For a brand-new system, it might take around ten minutes..”

Verified user

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Systems Engineer at a financial services firm with 1,001-5,000 employees

“The deployment of Red Hat Enterprise Linux was initially complex because we were not aware of all the available tools to streamline the process. We had to learn, but now we are more proficient.

Tasks that once took a month can now be completed in a week. We worked directly with Red Hat Enterprise Linux, without an integrated reseller or consultant..”

Verified user

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Systems Administrator at a healthcare company with 10,001+ employees

“I am a part of the team that does the OS deployment. Its initial deployment is straightforward. We use automation for deployment. We have a kickstart to deploy the OS. Once we create that kickstart configuration file, the deployment is straightforward.

In terms of our upgrade and migration plans to stay current, we upgrade it before the OS is end of life. It is pretty straightforward. We are pretty satisfied with Red Hat Enterprise Linux systems when it comes to provisioning and patching..”

Verified user

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Sr. Systems Admin at a financial services firm with 10,001+ employees

“We use RHEL deployed in different zones, only on-premise, not in the cloud. Deploying RHEL depends on the end user, but migrations aren't usually a problem due to site forwards. The hardest part is dealing with end-user applications on the machines. We use Ansible for scripting, especially with Oracle. Sometimes, meeting the end of life for RHEL versions is tough, and we have had to buy extended support for RHE because some applications reached the end of life within a year. I appreciate the extended support option, though I prefer not to use it..”

Cor Kujit

Automation engineer at SSC-ICT

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“The initial setup is smooth.

We have Cloud-based deployments. We are using AWS, GCP, Azure, and other cloud platforms. We also have on-premises deployment. Some customers also have a mixed deployment with the cloud and on-prem but in such environments, I have seen problems in terms of performance. For example, if my database is on-prem on Red Hat Enterprise Linux, and I am storing my application on the cloud on Red Hat Enterprise Linux, whenever someone hits the website, there will be latency issues. I sorted out such issues for a customer. I suggested they migrate their server from the cloud to on-prem because their database was quite big. With a mixed setup, they were having a lot of issues in terms of performance and storing data. It was very slow. After they moved it on-prem, it was much faster. This is not a Red Hat-related issue. From the operating system side, no improvements are required. However, cloud providers need to improve their facilities.

For patching, I use Red Hat Satellite, and for configuration, I use Red Hat Ansible. Leapp upgrades are also awesome. A month back, I upgraded Red Hat Enterprise Linux 8 to Red Hat Enterprise Linux 9. I created detailed documentation about the procedure. There were about 14 steps. It was straightforward.

With Red Hat Insights, we can see the security threats. Red Hat Insights is integrated with Red Hat Satellite. It will be helpful from the patching point of view. It lets you do subjective analytics of servers..”

Noman Liaquat

Technical Architect at Linux on Support

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Customer Service and Support

“I would rate the support for Red Hat Enterprise Linux an eight out of ten. There has been a noticeable improvement in their support, particularly after their acquisition by IBM..”

Verified user

Systems Administrator at a healthcare company with 10,001+ employees

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“We are getting all the support that we need on a timely basis. In the case of any issue, we are getting all the support needed to bring the production back online. I would rate them a nine out of ten..”

Verified user

Sr. Systems Admin at a financial services firm with 10,001+ employees

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“The solution's technical support is very good. My clients generally manage it, and I have received positive feedback. They have a responsive support organization to communicate with..”

Verified user

Solution Architect at a consultancy with 10,001+ employees

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“Recently, we encountered issues when the Red Hat server was in maintenance mode, and we attempted to capture images directly from another server for our builds. Although I set up alerts for planned downtime on the Red Hat server, I didn't consistently receive these alerts. I would rate it seven out of ten..”

Verified user

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Software Development Engineer at a manufacturing company with 10,001+ employees

“The technical support from Red Hat has declined over the past four or five years. It could be because there are not many skilled people. When we raise a case, it is attended by junior people or new people, which wastes two to three days. We might even have to raise the severity of the ticket. However, when senior people take ownership of the case, the support is awesome. They give proper support. This was not the case earlier, so whenever we raised a ticket, we got an immediate response from Red Hat. .”

Noman Liaquat

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Technical Architect at Linux on Support

“I don't really use it extensively. I have some knowledge and experience with it, but I don't heavily rely on Red Hat support. Whenever I encounter a problem, I usually turn to Google for solutions.

The knowledge base provided by Red Hat exists, but I find it difficult to navigate. The information seems scattered and hard to find. I tend to prefer searching on Google since I can get immediate answers there compared to the knowledge base, which can be challenging to navigate. It seems like the knowledge base could use some improvement..”

Verified user

Systems Engineer at a financial services firm with 1,001-5,000 employees

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Other Advice

“The only inconsistency we've noticed so far is with the server, which might be the only aspect we could potentially raise concerns about. Overall, I would rate it eight out of ten..”

Verified user

Software Development Engineer at a manufacturing company with 10,001+ employees

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“We use the on-premises solution because we work for the government. We cannot use the cloud version because we have to maintain confidentiality. We are using versions six, seven, and eight. We also use Windows in our organization. Overall, I rate the solution a ten out of ten..”

Verified user

Engineer at a tech services company with 1,001-5,000 employees

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“I would like to see user training sessions that last about one to two hours on new features and releases.

We have a separate team that creates dashboards for us. I rate the product a seven out of ten. .”

Verified user

Tech Advisor at a energy/utilities company with 51-200 employees

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“To a colleague who is looking at open-source, cloud-based operating systems for Linux instead of Red Hat Enterprise Linux, I would ask, "Why?" We plan to stick with Red Hat as far as we see in the future, and we have no plans to change.

Red Hat Enterprise Linux has not helped us to centralize development. It is not something we are looking to use it for.

We use Red Hat Insights very little. We work mostly in an offline environment. It is hard to use Red Hat Insights in an offline environment.

I would rate Red Hat Enterprise Linux a nine out of ten..”

Verified user

Lead Software Engineer at a tech services company with 51-200 employees

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“I would rate Red Hat Enterprise Linux eight out of ten.

From what I've seen of Red Hat Enterprise Linux, it's well-documented. There are comprehensive notes and documentation available. I've been using it recently, and

I've found that all the information I need is readily available. If we can't find what we're looking for, our support organization is there to help.

We have a virtual environment and deploy the solution from a satellite.

Currently, we require two people for the maintenance of Red Hat Enterprise Linux..”

Verified user

Consultant at a tech services company with 11-50 employees

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“We are a big data shop that has around 700–800 nodes.

Red Hat Enterprise Linux Leapp was very helpful. It is very easy to use.

Our servers run for 500 days, and we reboot them every 600 days.

I search through Red Hat Enterprise Linux's knowledge base daily.

We use Red Hat Enterprise Linux 8.6 since the third-party tool is compatible with it.

We use satellites for the operating system and Ansible to do the configuration.

I rate Red Hat Enterprise Linux a nine out of ten. .”

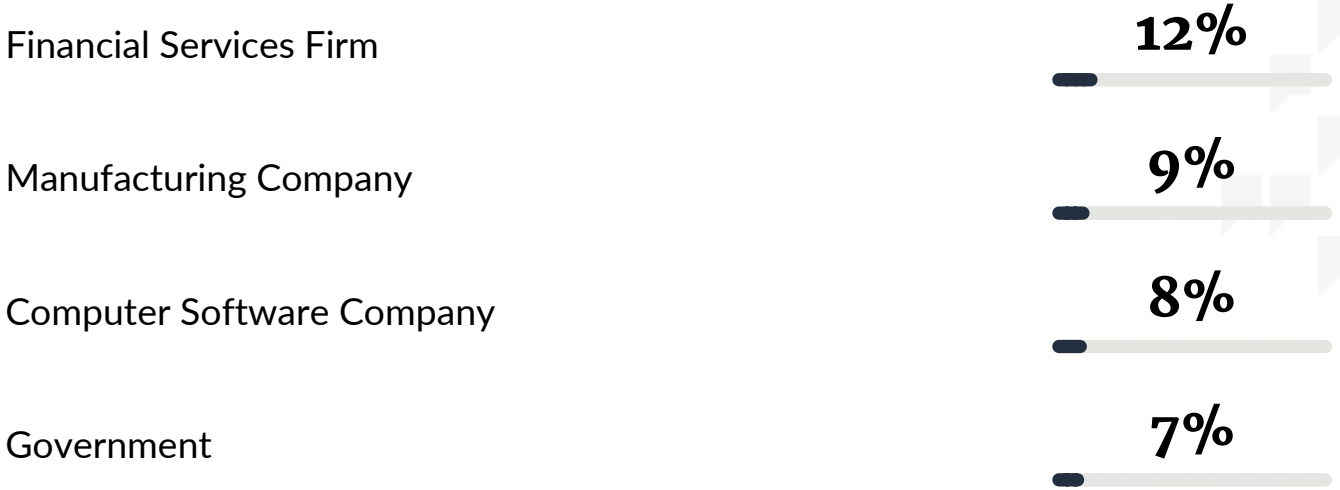
Verified user

Data Platform Engineer at a manufacturing company with 10,001+ employees

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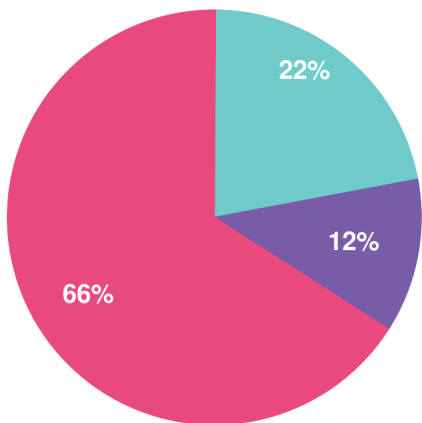
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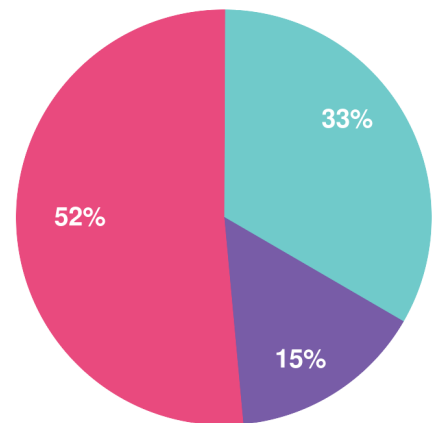


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Large Enterprise Midsized Enterprise Small Business

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