



Denodo

Reviews, tips, and advice from real users



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Contents

Product Recap..... 3 - 4

Valuable Features..... 5 - 11

Other Solutions Considered..... 12 - 14

ROI..... 15 - 16

Use Case..... 17 - 22

Setup..... 23 - 25

Customer Service and Support..... 26 - 27

Other Advice..... 28 - 31

Trends..... 32 - 33

About PeerSpot..... 34 - 35

Product Recap



Denodo

Denodo Recap

Denodo specializes in data virtualization, data cataloging, and user-friendly interfaces. It's recognized for connecting disparate data sources, presenting unified data for analytics, and supporting efficient decision-making with agile analytics and robust data governance.

Denodo effectively aggregates data from multiple sources to offer a comprehensive understanding through its virtualization capabilities. It provides role-based access control, flexible query languages, performance optimization, and integration with databases. Enhancements are needed in its interface and documentation to ensure better user experiences. While the platform supports cloud migration, integration challenges with tools like Salesforce and MuleSoft exist. Improvements in data visualization, automation, and scalability, especially in large data environments, are critical areas for growth.

What are the key features of Denodo?

- **Data Virtualization:** Connects diverse data sources to create a cohesive and unified view for robust analytics.
- **Data Cataloging:** Efficiently organizes and makes data easily discoverable across the system.
- **Role-Based Access Control:** Secures data by assigning roles and permissions to users.
- **Integration Capabilities:** Seamlessly integrates with databases, optimizing performance and data management.
- **Lineage Tracing:** Tracks data flow to enhance governance and compliance.

What benefits should users look for in Denodo reviews?

- **Enhanced Data Governance:** Assists in maintaining compliance and regulatory requirements through robust security controls.
- **Improved Decision-Making:** Offers agile analytics and real-time data access for informed choices.
- **Increased Efficiency:** Provides self-service analytics and streamlined data handling to boost organizational productivity.

In industries like finance, healthcare, and retail, Denodo plays a crucial role in data virtualization and integration. Organizations use it to unify disparate data systems, enabling real-time analytics and supporting cloud migrations. Denodo's platform is ideal for businesses needing to aggregate, transform, and utilize diverse data efficiently, optimizing operations and enhancing governance.

Valuable Features

Excerpts from real customer reviews on PeerSpot:



“Denodo simplifies your work and helps you ship code or ship solutions in a faster way.”



Douglas Camargo

Senior Backend Engineer at a pharma/biotech company with 51-200 employees



“Denodo has positively impacted my organization as since we started using this tool, it has been very helpful because it is a huge advantage that we can connect to many different databases to provide data rapidly and accurately and also gain insights, which helps us to make data-driven decisions easily.”



Patel-Dhulva

Information Technology Manager at Lockheed Martin



“From my experience as a data engineering team lead, I can build a data warehouse in just a minute from different sources without needing time for data transfer or any additional work.”



Mahmoud Soliman

Data Consultant at IT-Bots



“The performance of our application has increased significantly.”



Validated user

Quality Engineering Lead at a logistics company with 51-200 employees



“Denodo is the backbone for the BU I'm working for.”



Atanu Chatterjee

Principal Architect at a manufacturing company with 10,001+ employees



“The most valuable feature in Denodo is data virtualization.”



Snehasish Das

Technology Leader at eTCaaS



“Denodo's capabilities offer a strong and intuitive solution for data access.”



Arnest D'Haene

Datawarehouse & BI consultant, Owner, Managing partner at NesCon B.V.

What users had to say about valuable features:

“I find the features related to data governance most valuable. The data catalog is particularly interesting, and it provides an overall point of view that is useful. From my experience as a data engineering team lead, I can build a data warehouse in just a minute from different sources without needing time for data transfer or any additional work..”

Mahmoud Soliman

Data Consultant at IT-Bots

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“Denodo's best features are that it is very user-friendly and easy to use. It is flexible, and the data catalog is very useful.

“The data cataloging has helped me in data discovery because this feature is very useful. All the people of the company can find different data for different projects. We created a data catalog for the company and to publish the API, and the different projects can use the APIs and reuse them..”

JeffersonHernandez

Data Engineer at a consultancy with 11-50 employees

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“One of the best features of Denodo is that it's one unified layer. All programmers or software need to manage different endpoints through one Denodo endpoint. We have custom-developed a tool called Marketplace where we can see whatever data products are available. It is centralized through one portal, a one-stop shop.

“Denodo supports SQL base, so if you want to join two tables or two views, you can use SQL, which is an advantage as most developers or business people know SQL. The distributed data mesh functionality allows teams to publish data products through Denodo, regardless of their data store type.

“Role-based access control is another valuable feature, allowing selective data access based on approval. The Azure Kafka endpoint enables real-time analytics capabilities..”

Atanu Chatterjee

Principal Architect at a manufacturing company with 10,001+ employees

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“Denodo offers a great query language, the VQL, which was very easy to understand for someone that only knows SQL. It was easy to work with, and it was easy to integrate various types of databases in general. The usability of the platform is very great. The federated queries were also a feature that I used a lot. The easy usability of Denodo helped my work and made things easier for productivity. We were able to ship code faster than if we needed to use another type of data visualization tool or even an ETL.

“When we have multiple databases, the standard or common approach is just to have an ETL that matches the data, and we need to write this whole ETL. With Denodo, we can simplify this whole work to a few queries or setups in the databases and just make a few queries. This was actually easier, and it was faster to deliver a solution for a client instead of building a whole ETL pipeline or simply backfilling one database in another. Denodo simplifies your work and helps you ship code or ship solutions in a faster way. I really like the UI that Denodo has on the web app version. It was very simple and actually very beautiful to see. For a complicated program, it was very easy to understand how it works, even for someone who is just approaching the data engineering career or side of the programming language..”

Douglas Camargo

Senior Backend Engineer at a pharma/biotech company with 51-200 employees

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“The best features Denodo offers in my experience include a very solid compatibility with AWS and AWS Athena. Denodo also works with EC2 auto-scaling groups, so the scalability aspects are excellent. Denodo is installable via AWS Marketplace directly, and that installation part is seamless.

“Denodo has positively impacted my organization, and I have noticed changes since its implementation. The performance of our application has increased significantly. Earlier, we used to have several outages or slowness that users reported, but now those things do not happen.

“I can share specific outcomes or metrics. Latency was one of the metrics being tracked, and we were at double nines sort of accuracy in latency. The latency slowed down by a factor of about ten altogether, which was a key metric observed after Denodo was implemented..”

Validated user

Quality Engineering Lead at a logistics company with 51-200 employees

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“The best features Denodo offers stand out to me as the ability to develop REST web services fast and easily, create and combine new views, integrate different sources of data, and connect with other tools seamlessly.

“When I mention fast and easy creation of views and integration, I love the agile data provisioning and integration, where Denodo provides a comprehensive set of capabilities for implementing logical data integration, management, and delivery, which in turn enables agile data analytics and an informed decision-making process to be smooth. I also appreciate the performance optimization with AI, which improves performance optimization through the integration of artificial intelligence capabilities. Furthermore, I appreciate the unified security and governance, where it addresses the need for an organization to effectively manage security, data privacy, and data protection easily, offering a centralized platform that allows the application of governance policies and fine-grained security controls.

“Another feature I would add about Denodo is that it also provides a single point of control where we can establish security controls over the entire infrastructure and gain visibility into all our data assets.

“Denodo has positively impacted my organization as since we started using this tool, it has been very helpful because it is a huge advantage that we can connect to many different databases to provide data rapidly and accurately and also gain insights, which helps us to make data-driven decisions easily. It has proven to be a valuable environment for deploying data virtualization solutions, and its user community is active in finding and fixing issues more accurately.

“Through data insights from Denodo, we have been able to improve our decision making, which helps to better communication between the stakeholders thanks to the real-time experience. It also saves a lot of time..”

Patel-Dhulva

Information Technology Manager at Lockheed Martin

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Other Solutions Considered

“I didn't previously use a different solution before Denodo. When I saw Denodo for the first time, I thought it was great, but it was not my choosing to use Denodo; it was the standard platform for the company I was working at..”

Douglas Camargo

Senior Backend Engineer at a pharma/biotech company with 51-200 employees

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“I am not certain what was used before Denodo as they had started using it before I joined. At that time, they might have had some legacy systems, and each team had their own ETL pipeline..”

Atanu Chatterjee

Principal Architect at a manufacturing company with 10,001+ employees

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“I used Qlik Sense for over six to seven years. 95% of my queries were answered through Qlik's community, and their support was prompt. We were Qlik customers, not partners..”

Validated user

Director Software Engineer at a computer software company with 10,001+ employees

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“We made an internal analysis of available blind spots inside our organization and of our business needs and platform needs. We eliminated all competing platforms. We took a close look at many platforms but Denodo was the only one that fit all our requirements..”

Margus VÃƒRton

Head of Data Service Department at a government with 201-500 employees

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“The reason why we switched from Cisco Composite to Denodo is that we evaluated other data visualization platforms such as Cisco Composite and found that Composite had an even smaller community and less support than Denodo. Denodo is putting a lot of the revenue earned from licensing cost to grow the product, and we did not get that impression from Composite..”

Patel-Dhulva

Information Technology Manager at Lockheed Martin

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“Starburst and Tray.io are too technical. Denodo is very user-friendly. Denodo is a technological tool for non-technical people. It is very easy to use. Denodo is way more mature than Starburst and Tray.io..”

Marco Antonio Cavallo Jr.

Head of Alliances at CGN Research & Advisory

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ROI

Real user quotes about their ROI:

“By using more data in decision-making, our strategy became more accurate. Eventually, we can replace a lot of processes and a lot of systems that we have..”

Marco Antonio Cavallo Jr.

Head of Alliances at CGN Research & Advisory

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“I have seen a return on investment, which showed up in improved customer satisfaction scores. It was not exactly about money or time saving, but the customer scores did improve..”

Validated user

Quality Engineering Lead at a logistics company with 51-200 employees

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“They have achieved significant improvements in KPIs, such as customer churn, reducing it by approximately eight to twelve percent. This is an actual figure. They have also increased customer loyalty by the same margin..”

Mohamed-Saied

Senior Data Architect at Teradata Corporation

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“I can't share any metrics with you because I was just a developer. But my general impression is that yes, Denodo saves a lot of employees and development time. Because if you don't need to write a whole ETL to make the data virtualization, you need way fewer people to write a query instead of writing an ETL pipeline..”

Douglas Camargo

Senior Backend Engineer at a pharma/biotech company with 51-200 employees

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“Before Denodo, our interfaces were running for six to seven hours to generate a file. After writing the same thing in Denodo, now those interfaces are generated in 25 to 30 minutes. So for us, we came down from seven hours to 30 minutes, and that is our ROI..”

AjitSingh

Tech Lead and Architect at SEI

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“I have seen a positive return on investment for one client who was paying too much for an existing legacy reporting platform that has not been updated in decades. For another client that did not have any traditional BI tools, Denodo is the perfect tool. It provides a positive experience for end users who can now run reports using multiple near real-time data sources, and a positive return on investment for those who can connect multiple data sources and make data-driven decisions easily..”

Patel-Dhulva

Information Technology Manager at Lockheed Martin

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Use Case

“I use Denodo to create a virtualized data environment rather than a physical one. This is helpful when enterprise data is spread across different data sources, such as cloud data warehouses and data lakes, and is used for developing AI and ML strategies. It creates a unified virtualized environment so the algorithms do not need to connect to multiple data sources individually..”

Snehasish Das

Technology Leader at eTCaaS

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“I am switching from Denodo to other solutions. Currently, I work as a Data Engineer Team Lead at an Etex company, where I work with Oracle Data Integrator (ODI), Power BI, and sometimes Tableau. I use Oracle Data Integrator as my primary tool.

“Denodo is part-time work with a Saudi company. My main position involves working as a team lead for ODI and Power BI. As a consultant, I determine whether Denodo is used in companies or if their customers are using it.

“My Saudi company is Denodo partner in Egypt, and we work for clients in Saudi Arabia. I have been working with Denodo for the last three years..”

Mahmoud Soliman

Data Consultant at IT-Bots

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“My main use case for Denodo is that we have very decentralized data sources from different legacy applications, so this tool is very useful for us to connect all these legacy systems. This tool is very helpful for our data discovery and mapping. Getting real data from APIs and combining data from multiple systems were major challenges, which were solved by Denodo within a minimum replication cost.

“A specific example of how Denodo helped me connect those legacy systems is that this tool is very easy to use and supports a multi-database infrastructure. We have a very large enterprise and we are blending data across the enterprise. What Denodo has helped us achieve is both federated and non-federated data with the same reusable data structure.

“Regarding my main use case with Denodo, I also use it to build and send our data service to our partners and stakeholders and provide a real-time data experience to them. It is really easy to use, fast, and secure. Additionally, it is possible to combine many sources of data and integrate them with one tool..”

Patel-Dhulva

Information Technology Manager at Lockheed Martin

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“My main use case for Denodo is jobs which I require for test data, so that is one place where Denodo has come in. I think we have to write SQL queries, and there are cases where there are AWS Redshift databases. There is a difference in query results that we have to validate between legacy and modern systems, which is one of the use cases. Then when we test using Rest Assured or using Postman, there is a layer of Denodo that comes into play.

“I can tell you about a specific example where Denodo made a difference in one of my test data or validation projects. We had a case in one of the projects where we had a large number of APIs that were sequentially connected with each other. What exactly was happening there was that there was a UI developed, then there was this API, and several AWS services which we were working with together. Denodo came into the picture because there were some masking and security-related customer emails on local QA environments. So there was a use case of real data where we could not really scrub the database. Denodo had an implementation there..”

Validated user

Quality Engineering Lead at a logistics company with 51-200 employees

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“I used Denodo for a few months early this year, from January to March. My main use case for Denodo during that period was visualizing data from Snowflake and other databases across multiple databases and doing various types of analytics on the data inserted in those databases. We used Denodo for getting the data across multiple databases and matching the data in between these databases to have a single entry point for our queries.

“For example, we had a bunch of files arriving on Azure Data Lake Storage, and we needed to match when these files arrived to what we needed to do with those files that were stored in a Snowflake instance. So, we used Denodo to cross this data and select queries, and then apply the Azure function that we needed to do to these files that were arriving on our Azure storage..”

Douglas Camargo

Senior Backend Engineer at a pharma/biotech company with 51-200 employees

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“Denodo is designed for a distributed data fabric. Instead of a centralized data lake, we are in a distributed data mesh. Whenever a team wants to publish some data product, they are publishing data through Denodo, and their data store might be different; it might be in Azure SQL, in an Azure Databricks data table, or in ADLS.

“Whenever a user is looking for data, instead of connecting to each individual data source, they can only pull data through Denodo views, which is a virtualization layer. Role-based access control can be implemented. Not everybody can pull data; whoever is looking for data and whatever data they are looking for, that approval we can give, and based on that, they can pull.

“For real-time analytics, we have an Azure Kafka endpoint. There are some use cases with the Azure Kafka endpoint; we have transferred data through that, and through Databricks, we have transformed the data and stored it in some persistent layer such as a Databricks data table or any other data store..”

Atanu Chatterjee[Read full review](#) 

Principal Architect at a manufacturing company with 10,001+ employees

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.

“The installation process is simple, whether on Windows or Linux servers. The setup is easy and provides flexibility from an infrastructure and architecture point of view..”

Validated user

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Director Software Engineer at a computer software company with 10,001+ employees

“Configuring Denodo involves setting up a Java environment and installing different connectors for various data sources. This can take one or two weeks depending on the number of sources..”

Snehasish Das

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Technology Leader at eTCaaS

“For me, the initial setup was not a problem due to my extensive experience with UNIX and databases. However, customers have found multilingual support somewhat lacking, and documentation has not always kept pace with rapid product changes..”

Arnest D'Haene

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Datawarehouse & BI consultant, Owner, Managing partner at NesCon B.V.

“The setup is simple and straightforward. The deployment takes about two months. We required two data architects to deploy the product. The vendor maintains the solution. The tool can be deployed on-premise, in the cloud, or in multi-cloud environments..”

Marco Antonio Cavallo Jr.

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Head of Alliances at CGN Research & Advisory

“The installation is not extensive. It takes about one week. The entire project deployment, including development, usually spans around six months. For instance, development itself might take approximately three to four months, with the remaining time allocated to post-production tests, use case implementations, and other activities..”

Mohamed-Saied

Senior Data Architect at Teradata Corporation

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“The initial setup of Denodo is straightforward. The time it takes to deploy depends on each scenario. If you are looking for an inspired level of adoption, that will require time to model the data. However, if you are looking to use Denodo on a more simplified basis, deployment will not take longer than a couple of weeks.

Being an architect, I would rate the ease of setup a four and a half out of five..”

Validated user

Assistant Consultant at a tech vendor with 10,001+ employees

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Customer Service and Support

“The customer support for Denodo is great. They are very easy to work with, and all my questions and concerns were answered in a very short amount of time..”

Douglas Camargo

Senior Backend Engineer at a pharma/biotech company with 51-200 employees

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“Denodo has good support with the vendors and it is timely. They have a good methodology for learning how to use the tool, and the documentation is very thorough..”

Jefferson Hernandez

Data Architecture and Engineering Specialist at coprocenva

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“Denodo's technical support is rated as seven. Although they are proactive in conducting webinars and connecting with customers, they are perceived as less proactive compared to some other vendors..”

Snehasish Das

Technology Leader at eTCaaS

[Read full review](#) 

“Denodo's customer support team is very competent and responsive. They try to simulate problems and address issues promptly, although most problems relate to network or authorization protocols, not the product itself..”

Arnest D'Haene

[Read full review](#) 

Datawarehouse & BI consultant, Owner, Managing partner at NesCon B.V.

“I did not always contact technical support from Denodo. I only contacted them when I took an exam as I am a certified Denodo consultant and developer. I faced a problem during the installation of Denodo on my laptop, and they helped me greatly to bypass this issue. This happened two years ago..”

Mahmoud Soliman

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Data Consultant at IT-Bots

“I would rate Denodo's technical support an eight out of ten because whenever there is planned maintenance or if the Denodo server is down, we receive emails from the support team. If we raise a ticket, it can be resolved or addressed within a reasonable time frame, so support is good..”

Atanu Chatterjee

[Read full review](#) 

Principal Architect at a manufacturing company with 10,001+ employees

Other Advice

“My main advice is to read the documentation for Denodo. It's a very powerful solution, but it has a lot of quirks and a lot of things that can be done and should be done the right way to have better performance when using Denodo. The documentation is very clear and will help you 99% of the times. The review rating is 9..”

Douglas Camargo

Senior Backend Engineer at a pharma/biotech company with 51-200 employees

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“The advice I would give to others looking into using Denodo is that it is very well suited for large organizations with siloed datasets. Denodo thrives in these environments since large organizations can afford the licensing cost and are always tasked to mash up data from multiple environments through the organization. It helps to make data-driven decisions more easily and is very cost-effective, so I highly recommend it as a tool. I would rate this product a 9 out of 10..”

Patel-Dhulva

Information Technology Manager at Lockheed Martin

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“I experienced something interesting when I integrated Denodo with SAP, and it was fantastic. Data governance is something very interesting as Denodo helped clients get what they need. I did not use the new AI features, as I expect no additional features from them related to generative AI. I did not deal with vector

databases and do not have experience with them. I would generally recommend Denodo to others. They need to promote the product in the Middle East, but I am recommending Denodo to different companies. I am not sure how customers are dealing with Denodo from the [AWS](#) Marketplace or directly. I give this review a rating of eight out of ten..”

Mahmoud Soliman

Data Consultant at IT-Bots

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“The security was good for us.

“I do not have anything else on my mind as far as valuable features.

“I do not know if the dynamic query optimization helped us improve performance or analytical queries as I am not familiar with dynamic query optimization.

“My overall rating for this solution is 9..”

JeffersonHernandez

Data Engineer at a consultancy with 11-50 employees

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“On a scale of one to ten, I would rate Denodo a seven. I gave it a seven because it was not held back or anything. We had a very limited use case as QEs, and we used it as a supporting layer or an intermediate layer. It was more useful towards teams that had dedicated performance reduction goals that we did not have, so it was all good to me.

“My advice for others looking into using Denodo is that if you have multi-country applications, latency, and slowness and are looking to optimize queries for better performance at a backend layer, especially with many APIs or microservices, Denodo is the solution to choose.

“I have no additional thoughts about Denodo before we wrap up as I think I have shared everything. I would rate Denodo a seven out of ten..”

Validated user[Read full review](#) 

Quality Engineering Lead at a logistics company with 51-200 employees

“We are not using [AWS](#), and a different team is responsible for onboarding or approving new software or licenses. Regarding advanced metadata management features, someone from the Denodo SME or Denodo admin team would be better positioned to comment.

“We have used the caching mechanism. For huge data sizes, we are using [Snowflake](#). Denodo has the feature to persist data in any data store. While Denodo doesn't typically persist data as it's a virtualization layer, we can persist data in [Snowflake](#) for large datasets.

“Denodo can be deployed both on-premises and in the cloud. Initially, they started on-premises with the Denodo server, but have now migrated to the cloud. Denodo is the backbone for the BU I'm working for. If someone wants to share data or bring data, they need to go through Denodo, making it the backbone of this data mesh architecture.

“I am not familiar with Denodo's pricing as that is handled by the budget or senior management team. We might be a partner of Denodo, but I'm not certain about this relationship. We are using Databricks Spark, not core [Apache Spark](#).

“I would rate the product overall an eight out of ten. I am satisfied, but there is always scope for improvement. If they fix scalability automation and virtualization problems, I would give them a higher rating..”

Atanu Chatterjee

Principal Architect at a manufacturing company with 10,001+ employees

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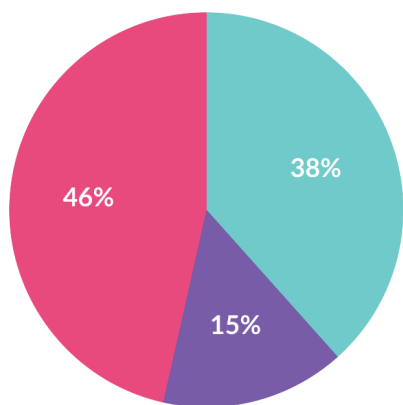
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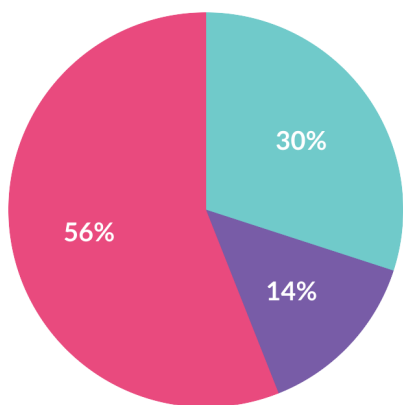


Company Size

by reviewers



by visitors reading reviews



 Large Enterprise  Midsized Enterprise  Small Business

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