Grid® Report for Key Value Databases | Summer 2021

Key Value Databases

Contenders | Leaders

Market Presence

Niche | High Performers

Satisfaction

G2 Grid® Scoring

(Key Value Databases continues on next page)

Key Value Databases (continued)

Key Value Databases Definition

Key value databases save data as associative arrays where a single value is associated together with a key used as a signifier for the value. No two keys necessarily need the same structure, so data is simply accumulated into a single, large table. Database administrators can quickly pull the data by identifying a specific key. A query language is not necessary when retrieving data, which provides convenience for users who are lacking query language knowledge. Key value databases can also be used for web caches. Key value databases are a type of NoSQL database and are the least structured of the schemaless data stores. Other types of NoSQL tools include document database tools, graph database tools, object-orientated database tools and more. Those who need a solution at no cost can look at free database software.

To qualify for inclusion in the Key-Value Store category, a product must:

▶ Provide data storage

▶ Store data as a singular value associated with a key

▶ Allow users to retrieve the data

Key Value Databases Grid® Scoring Description

Products shown on the Grid® for Key Value Databases have received a minimum of 10 reviews/ratings in data gathered by June 01, 2021. Products are ranked by customer satisfaction (based on user reviews) and market presence (based on market share, seller size, and social impact) and placed into four categories on the Grid®:

▶ Products in the Leader quadrant are rated highly by G2 users and have substantial Market Presence scores. Leaders include: Amazon DynamoDB, Amazon ElastiCache, Redis, Couchbase Server, Aerospike, and Hbase

▶ High Performing products have high customer Satisfaction scores and low Market Presence compared to the rest of the category. High Performers include: InterSystems IRIS, ArangoDB, Redis Enterprise, and Memcached

▶ Contender products have relatively low customer Satisfaction scores and high Market Presence compared to the rest of the category. While they may have positive reviews, they do not have enough reviews to validate those ratings. Contenders include: Azure Redis Cache, and Azure Cosmos DB

▶ Niche products have relatively low Satisfaction scores and low Market Presence compared to the rest of the category. While they may have positive reviews, they do not have enough reviews to validate those ratings. Niche products include: DataStax, BoltDB, Oracle NoSQL Database Cloud, and Pivotal Gemfire

Grid® Scores for Key Value Databases

The table below shows the Satisfaction and Market Presence scores that determine seller placement on the Grid®. To learn more about each of the products, please see the product profile section

Leaders

	# of Reviews	Satisfaction	Market Presence	G2 Score
Amazon DynamoDB	36	78	92	85
Amazon ElastiCache	40	84	85	84
Redis	100	82	73	78
Couchbase Server	55	77	72	75
Aerospike	77	89	54	72
Hbase	95	68	73	71

High Performers

	# of Reviews	Satisfaction	Market Presence	G2 Score
InterSystems IRIS	13	65	47	56
ArangoDB	29	83	22	53
Redis Enterprise	18	67	28	48
Memcached	16	58	13	35

Contenders

	# of Reviews	Satisfaction	Market Presence	G2 Score
Azure Redis Cache	18	24	72	48
Azure Cosmos DB	13	30	59	44

Niche

	# of Reviews	Satisfaction	Market Presence	G2 Score
DataStax	13	31	42	36
BoltDB	18	50	9	29
Oracle NoSQL Database Cloud	11	6	47	26
Pivotal GemFire	10	12	7	10

* Products are ordered by G2 Score. Satisfaction score is used as a tiebreaker if two products have the same G2 Score.

Grid® Methodology

Grid® Rating Methodology

The Grid® represents the democratic voice of real software users, rather than the subjective opinion of one analyst. G2 rates products from the Key Value Databases category algorithmically based on data sourced from product reviews shared by G2 users and data aggregated from online sources and social networks.

Technology buyers can use the Grid® to help them quickly select the best products for their businesses and to find peers with similar experiences. For sellers, media, investors, and analysts, the Grid® provides benchmarks for product comparison and market trend analysis.

Grid® Scoring Methodology

G2 rates products and sellers based on reviews gathered from our user community, as well as data aggregated from online sources and social networks. We apply a unique algorithm (v3.0) to this data to calculate the Satisfaction and Market Presence scores in real time. The Grid® Report for Key Value Databases | Summer 2021 is based on scores calculated using the G2 algorithm v3.0 from reviews collected through June 01, 2021. To view the Key Value Databases Grid® with the most recent data, please visit the Key Value Databases page.

Satisfaction

The Satisfaction rating is affected by the following (in order of importance):

▶ Customer satisfaction with end user-focused product attributes based on user reviews

▶ Popularity and statistical significance based on the number of reviews received by G2

▶ Quality of reviews received (reviews that are more thoroughly completed will be weighted more heavily)

▶ Age of reviews (more-recent reviews provide relevant and up-to-date information that is reflective of the current state of a product)

▶ Customers' satisfaction with administration-specific product attributes based on user reviews

▶ Overall customer satisfaction and Net Promoter Score® (NPS) based on ratings by G2 users

Note: The customer satisfaction score is normalized for each Grid®, meaning the scores are relative.

(Grid® Methodology continues on next page)

**Net Promoter, Net Promoter System, Net Promoter Score, NPS and the NPS-related emoticons are registered trademarks of Bain & Company, Inc., Fred Reichheld and Satmetrix Systems, Inc.

Grid® Methodology (continued)

Market Presence

The Market Presence score is affected by the following (in order of importance):

▶ Market presence is a combination of 15 metrics from G2's reviews, publicly available information, and third-party sources

▶ Both the software sellers and the individual products are measured on various criteria. The criteria are listed in order of importance. Products metric receive greater weight than seller metrics

Criteria	Measured For		Metrics
	Product	**Seller**	
Number of Employees	√	√	Employee Count (based on social networks and public sources)
Reviews	√		Review Count (weighted by recency)
Web Presence	√	√	
Social Presence	√	√	
Growth	√	√	Employee Growth, Web Presence Growth
Seller Age		√	
Employee Satisfaction and Engagement		√	

▶ Each input is normalized by category and segment. This means that scores are relative to other products in the category/segment and may change from segment to segment

▶ The scores are then scaled from 0-100

Grid® Categorization Methodology

Making G2 research relevant and easy for people to use as they evaluate and select business software products is one of our most important goals. In support of that goal, organizing products and software companies in a well-defined structure that makes capturing, evaluating, and displaying reviews and other research in an orderly manner is a critical part of the research process.

To manage the process of categorizing the software products and the related reviews in the G2 community, G2 follows a publicly available categorization methodology. All products appearing on the Grid® have passed through G2's categorization methodology and meet G2's category standards.

Many terms that appear regularly across G2 and are used to aid in product categorization warrant a definition to facilitate buyer understanding. These terms may be included within reviews from the G2 community or in executive summaries for products included on the Grid®. A list of standard definitions is available to G2 users to eliminate confusion and ease the buying process.

(Grid® Methodology continues on next page)

Grid® Methodology (continued)

Rating Changes and Dynamics

The ratings in this report are based on a snapshot of the user reviews and social data collected by G2 up through June 01, 2021. The ratings may change as the products are further developed, the sellers grow, and as additional opinions are shared by users. G2 updates the ratings on its website in real time as additional data is received, and this report will be updated as significant data is received. By improving their products and support and/or by having more satisfied customer voices heard, Contenders may become Leaders and Niche sellers may become High Performers.

Trust

Keeping our ratings unbiased is our top priority. We require the use of a LinkedIn account or verified business email address to validate a G2 user's identity and employer. We also validate users by partnering with sellers and organizations to securely authenticate users through select platforms. We do not allow users to review their current or former employers' products, or those of their employers' competitors. Additionally, all reviews are manually checked by our team after our algorithm filters out reviews that don't meet our submission requirements. All reviews must pass our moderation process before they are published.

Our G2 staff does not add any subjective input to the ratings, which are determined algorithmically based on data aggregated from publicly available online sources and social networks. sellers cannot influence their ratings by spending time or money with us. Only the opinion of real users and data from public sources factor into the ratings.

Grid® Inclusion Criteria

All products in a G2 category that have at least 10 reviews from real users of the product are included on the Grid®. Inviting other users, such as colleagues and peers, to join G2 and share authentic product reviews will accelerate this process.

If a product is not yet listed on G2 and it fits the market definition above, then users are encouraged to suggest its addition to our Key Value Databases category.

Product Profiles

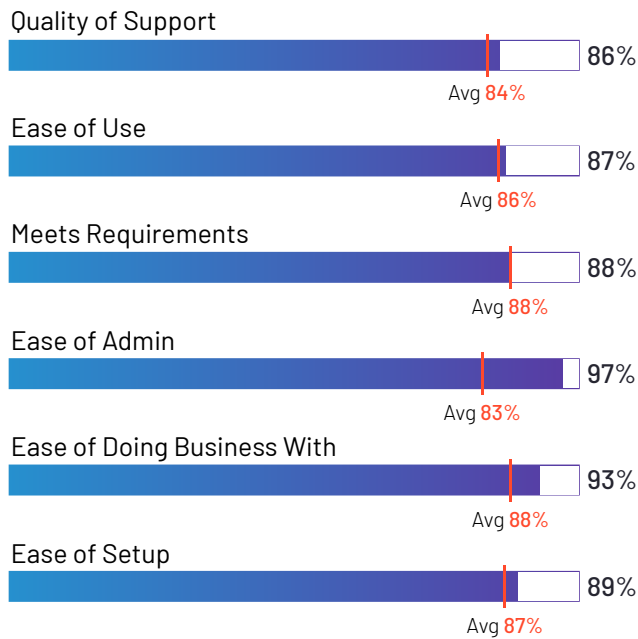Product profiles and detailed charts are included for products with 10 or more reviews.
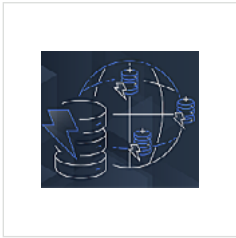
Amazon DynamoDB

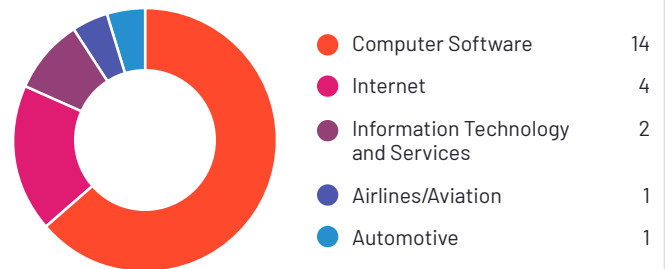**4.2** ★★★★☆ (138)

Leader
SUMMER
2021

Amazon DynamoDB has been named a Leader based on receiving a high customer Satisfaction score and having a large Market Presence. Amazon DynamoDB has the largest Market Presence among products in Key Value Databases. 94% of users rated it 4 or 5 stars, 94% of users believe it is headed in the right direction, and users said they would be likely to recommend Amazon DynamoDB at a rate of 86%. Amazon DynamoDB is also in the Database as a Service (DBaaS) and Document Databases categories.
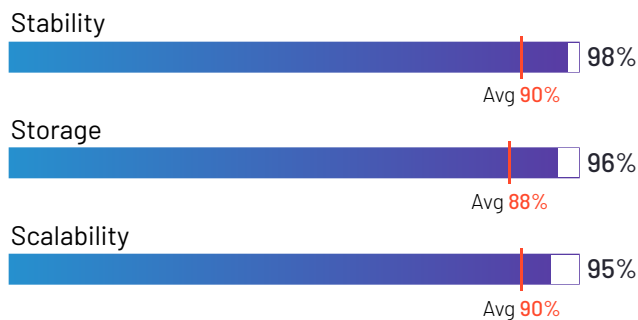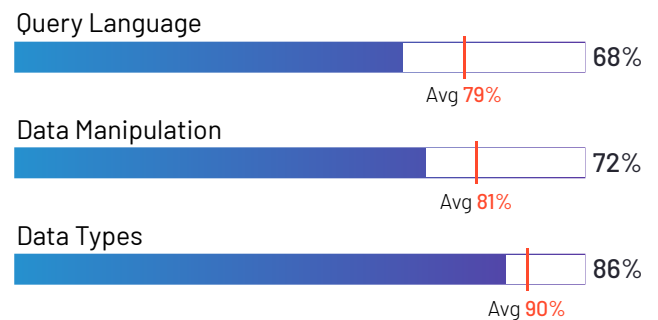
Satisfaction Ratings

Quality of Support
86%
Avg 84%

Ease of Use
87%
Avg 86%

Meets Requirements
88%
Avg 88%

Ease of Admin
97%
Avg 83%

Ease of Doing Business With
93%
Avg 88%

Ease of Setup
89%
Avg 87%

Top Industries Represented

● Computer Software	14
● Internet	4
● Information Technology and Services	2
● Airlines/Aviation	1
● Automotive	1

Highest-Rated Features

Stability
98%
Avg 90%

Storage
96%
Avg 88%

Scalability
95%
Avg 90%

Lowest-Rated Features

Query Language
68%
Avg 79%

Data Manipulation
72%
Avg 81%

Data Types
86%
Avg 90%

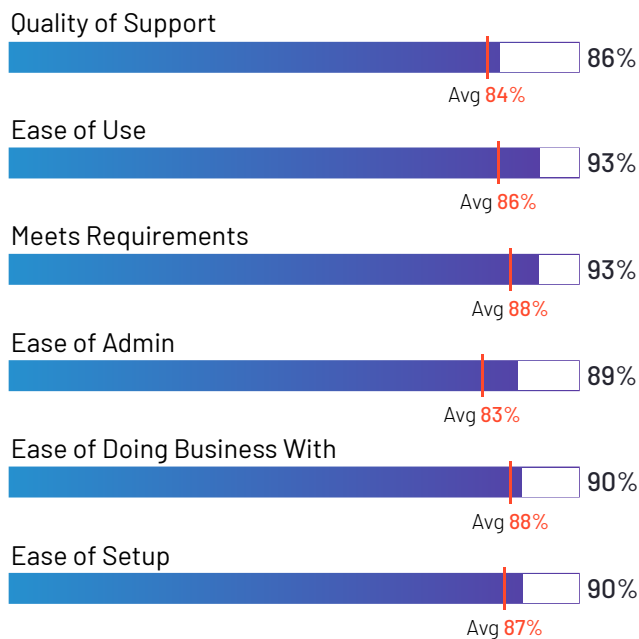| **Ownership**	**HQ Location**	**Year Founded**	**Total Revenue**	**Employees (Listed On Linkedin™)**	**Company Website**
AWS	Seattle, WA	2006	$177,866 (USD MM)	84316	aws.amazon.com

Amazon ElastiCache
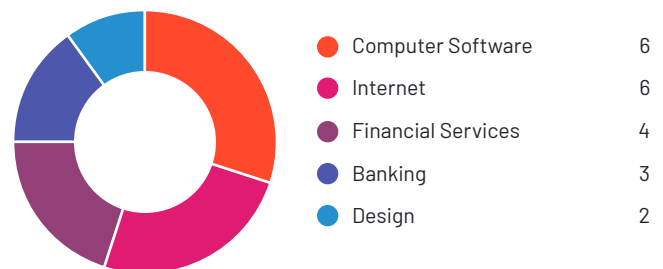
4.6 ★★★★½ (43)

Leader
SUMMER
2021

Amazon ElastiCache has been named a Leader based on receiving a high customer Satisfaction score and having a large Market Presence. 100% of users rated it 4 or 5 stars, 96% of users believe it is headed in the right direction, and users said they would be likely to recommend Amazon ElastiCache at a rate of 92%. Amazon ElastiCache is also in the Data Replication and Database as a Service (DBaaS) categories.
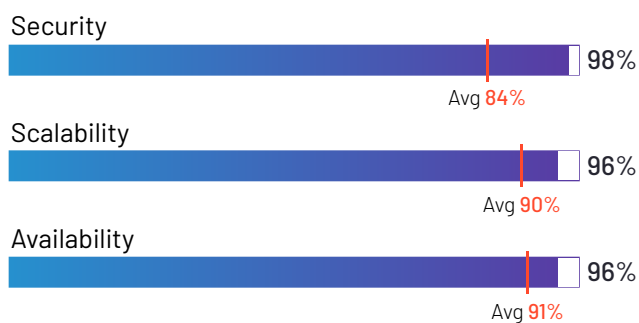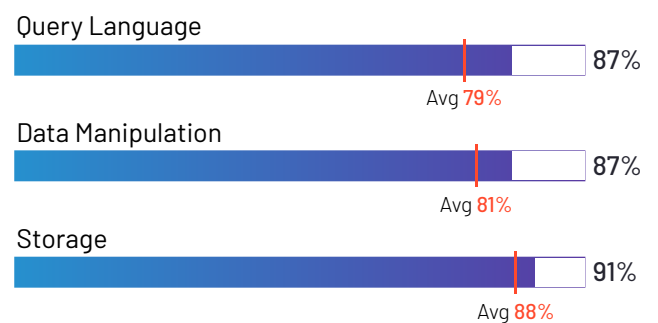
Satisfaction Ratings

Quality of Support
86%
Avg 84%

Ease of Use
93%
Avg 86%

Meets Requirements
93%
Avg 88%

Ease of Admin
89%
Avg 83%

Ease of Doing Business With
90%
Avg 88%

Ease of Setup
90%
Avg 87%

Top Industries Represented

● Computer Software	6
● Internet	6
● Financial Services	4
● Banking	3
● Design	2

Highest-Rated Features

Security
98%
Avg 84%

Scalability
96%
Avg 90%

Availability
96%
Avg 91%

Lowest-Rated Features

Query Language
87%
Avg 79%

Data Manipulation
87%
Avg 81%

Storage
91%
Avg 88%

Ownership
AWS

HQ Location
Seattle, WA

Year Founded
2006

Total Revenue
$177,866 (USD MM)

**Employees
(Listed On Linkedin™)**
84316

Company Website
aws.amazon.com

Redis

4.5 ★★★★½ (106)

Leader
SUMMER 2021
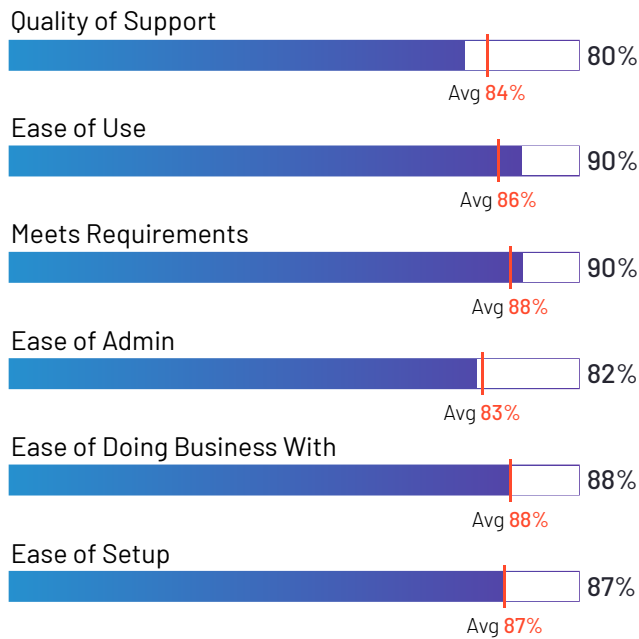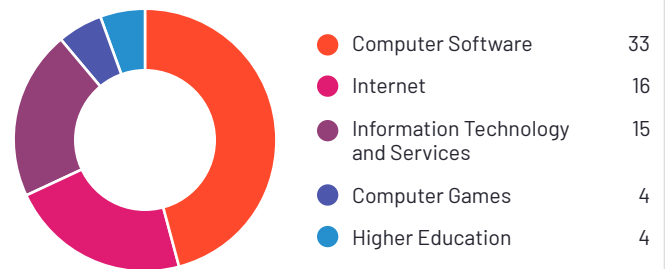
Redis has been named a Leader based on receiving a high customer Satisfaction score and having a large Market Presence. 98% of users rated it 4 or 5 stars, 84% of users believe it is headed in the right direction, and users said they would be likely to recommend Redis at a rate of 90%. Redis is also in the Graph Databases and Document Databases categories.
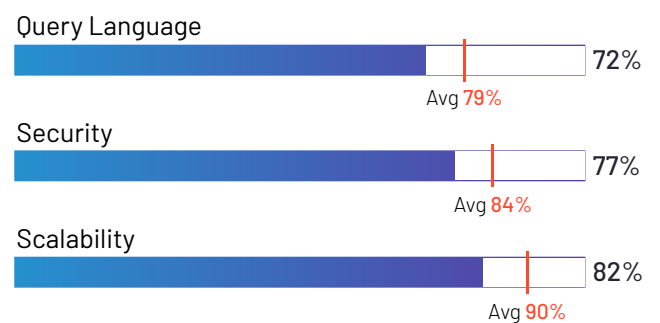
Satisfaction Ratings

Quality of Support — 80%
Avg 84%

Ease of Use — 90%
Avg 86%

Meets Requirements — 90%
Avg 88%

Ease of Admin — 82%
Avg 83%

Ease of Doing Business With — 88%
Avg 88%

Ease of Setup — 87%
Avg 87%

Top Industries Represented

● Computer Software	33
● Internet	16
● Information Technology and Services	15
● Computer Games	4
● Higher Education	4

Highest-Rated Features

Data Types — 97%
Avg 90%

Data Model — 94%
Avg 91%

Availability — 91%
Avg 91%

Lowest-Rated Features

Query Language — 72%
Avg 79%

Security — 77%
Avg 84%

Scalability — 82%
Avg 90%
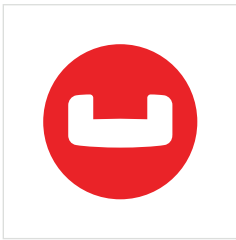

Ownership
Redis Labs

HQ Location
Mountain View, CA

Year Founded
2011

Employees
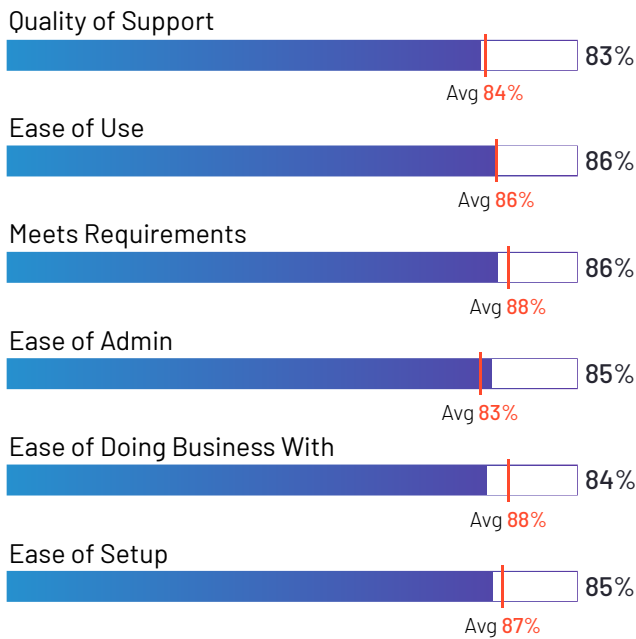**(Listed On Linkedin™)**
509

Company Website
redislabs.com

Couchbase Server

4.4 ★★★★½ **(84)**

Leader
SUMMER
2021

Couchbase Server has been named a Leader based on receiving a high customer Satisfaction score and having a large Market Presence. 93% of users rated it 4 or 5 stars, 84% of users believe it is headed in the right direction, and users said they would be likely to recommend Couchbase Server at a rate of 87%. Couchbase Server is also in the Document Databases category.
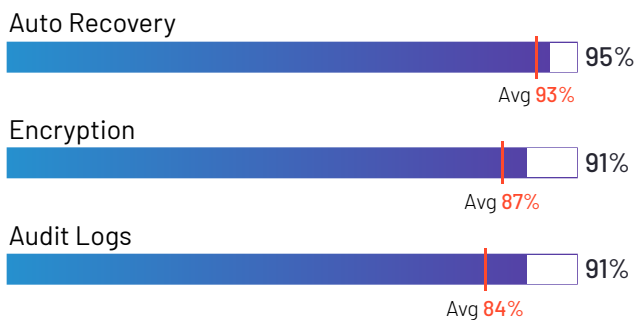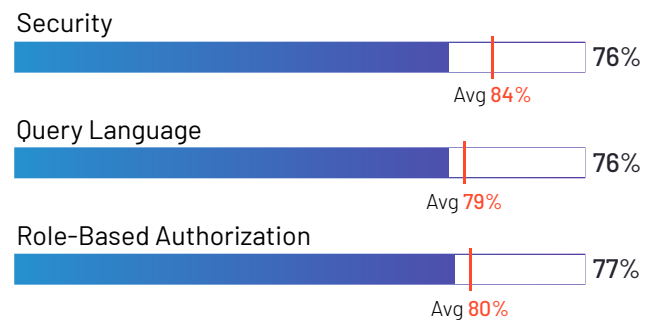
Satisfaction Ratings

Quality of Support
83%
Avg 84%

Ease of Use
86%
Avg 86%

Meets Requirements
86%
Avg 88%

Ease of Admin
85%
Avg 83%

Ease of Doing Business With
84%
Avg 88%

Ease of Setup
85%
Avg 87%

Top Industries Represented

● Computer Software	16
● Information Technology and Services	12
● Computer Games	4
● Airlines/Aviation	2
● Computer & Network Security	2

Highest-Rated Features

Auto Recovery
95%
Avg 93%

Encryption
91%
Avg 87%

Audit Logs
91%
Avg 84%

Lowest-Rated Features

Security
76%
Avg 84%

Query Language
76%
Avg 79%

Role-Based Authorization
77%
Avg 80%

Ownership
Couchbase

HQ Location
Mountain View, CA

Year Founded
2009

**Employees
(Listed On Linkedin™)**
642

Company Website
www.couchbase.com

Aerospike

4.4 ★★★★½ **(80)**

Leader
SUMMER
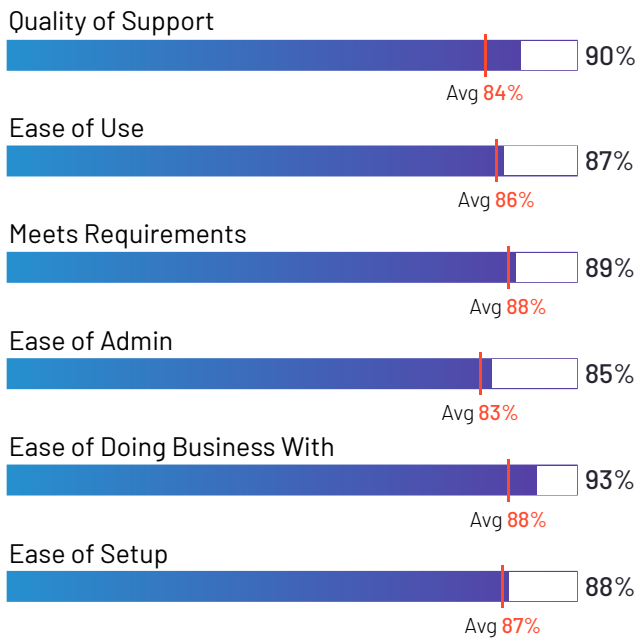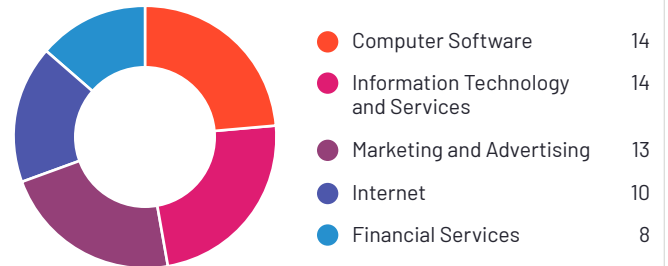2021

Aerospike has been named a Leader based on receiving a high customer Satisfaction score and having a large Market Presence. Aerospike received the highest Satisfaction score among products in Key Value Databases. 97% of users rated it 4 or 5 stars, 92% of users believe it is headed in the right direction, and users said they would be likely to recommend Aerospike at a rate of 88%.
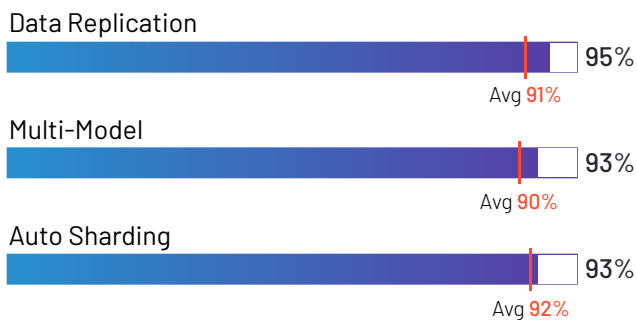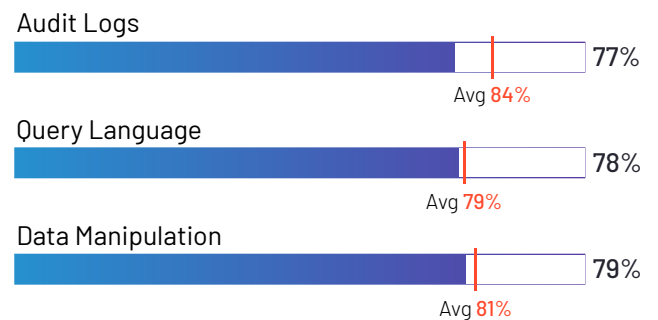
Satisfaction Ratings

Quality of Support
90%
Avg 84%

Ease of Use
87%
Avg 86%

Meets Requirements
89%
Avg 88%

Ease of Admin
85%
Avg 83%

Ease of Doing Business With
93%
Avg 88%

Ease of Setup
88%
Avg 87%

Top Industries Represented

● Computer Software	14
● Information Technology and Services	14
● Marketing and Advertising	13
● Internet	10
● Financial Services	8

Highest-Rated Features

Data Replication
95%
Avg 91%

Multi-Model
93%
Avg 90%

Auto Sharding
93%
Avg 92%

Lowest-Rated Features

Audit Logs
77%
Avg 84%

Query Language
78%
Avg 79%

Data Manipulation
79%
Avg 81%

Ownership
Aerospike

HQ Location
Mountain View, CA

Year Founded
2009

Employees (Listed On Linkedin™)
155

Company Website
www.aerospike.com

Hbase

4.2 ★★★★☆ (107)

Leader
SUMMER
2021
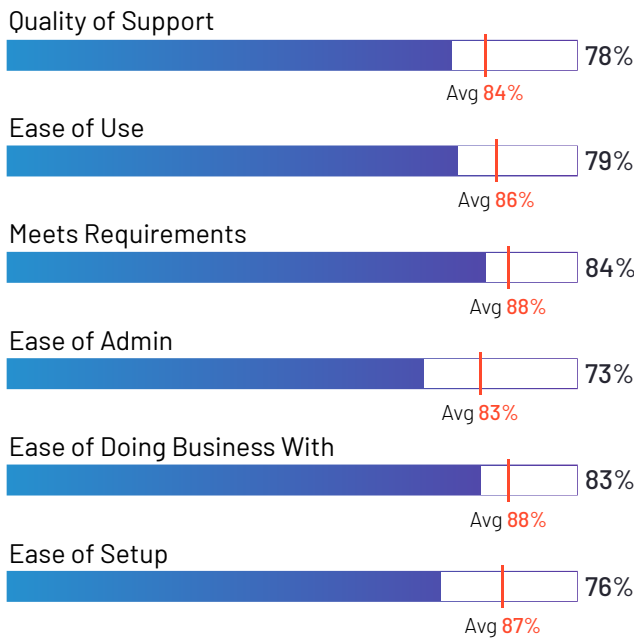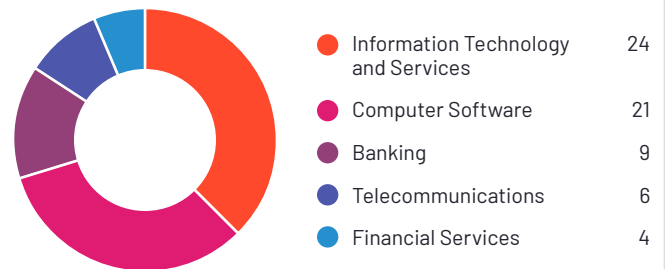
Hbase has been named a Leader based on receiving a high customer Satisfaction score and having a large Market Presence. 93% of users rated it 4 or 5 stars, 85% of users believe it is headed in the right direction, and users said they would be likely to recommend Hbase at a rate of 83%. Hbase is also in the Columnar Databases category.
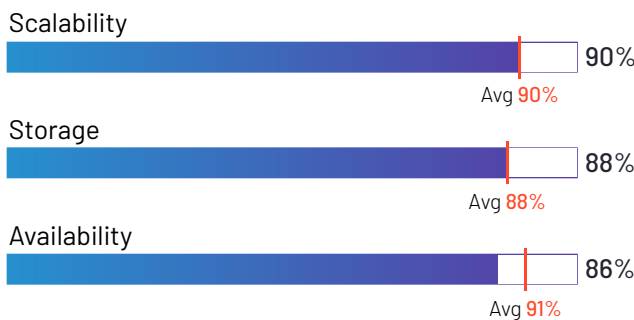
Satisfaction Ratings

Quality of Support
78%
Avg 84%

Ease of Use
79%
Avg 86%

Meets Requirements
84%
Avg 88%

Ease of Admin
73%
Avg 83%

Ease of Doing Business With
83%
Avg 88%

Ease of Setup
76%
Avg 87%

Top Industries Represented

● Information Technology and Services		24
● Computer Software		21
● Banking		9
● Telecommunications		6
● Financial Services		4

Highest-Rated Features

Scalability
90%
Avg 90%

Storage
88%
Avg 88%

Availability
86%
Avg 91%

Lowest-Rated Features

Query Language
71%
Avg 79%

Data Manipulation
75%
Avg 81%

Security
79%
Avg 84%
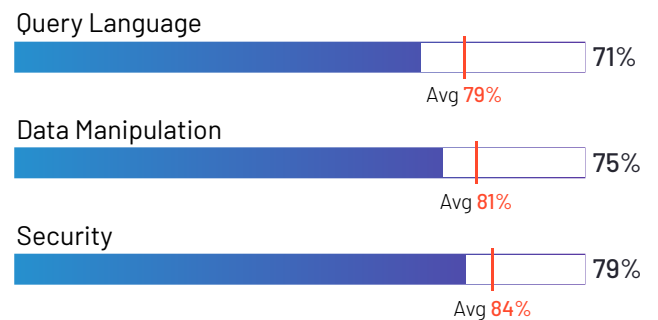
Ownership
The Apache Software Foundation

HQ Location
Wakefield, MA

Year Founded
1999

Employees (Listed On Linkedin™)
1982

Company Website
www.apache.org

InterSystems IRIS

4.4 ★★★★½ (33)

High Performer SUMMER 2021

InterSystems IRIS has been named a High Performer product based on having high customer Satisfaction scores and a low Market Presence compared to the rest of the category. 92% of users rated it 4 or 5 stars, 90% of users believe it is headed in the right direction, and users said they would be likely to recommend InterSystems IRIS at a 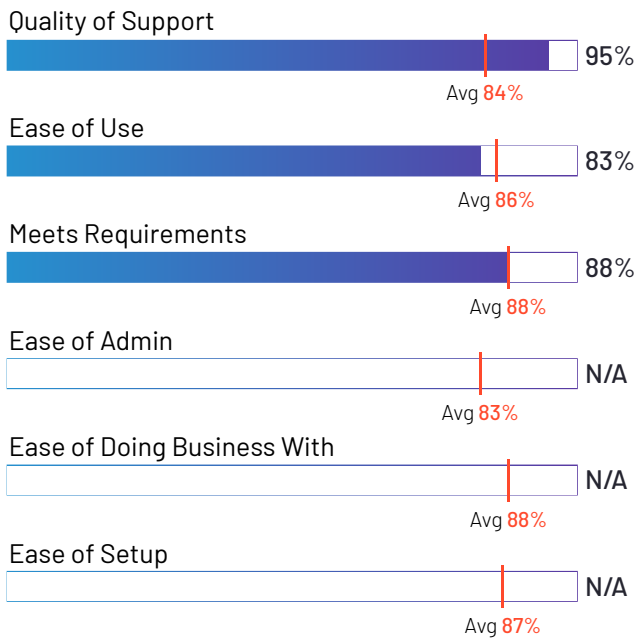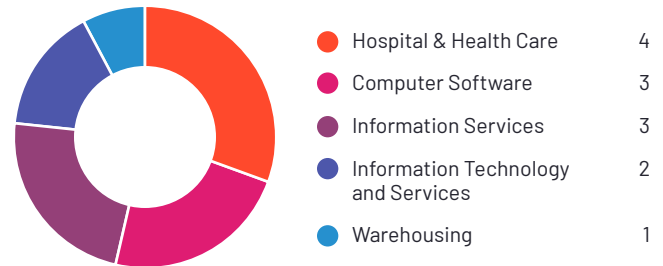rate of 88%. InterSystems IRIS is also in the Database Management Systems (DBMS), Document Databases, Relational Databases, Object-Oriented Databases, and XML Databases categories.
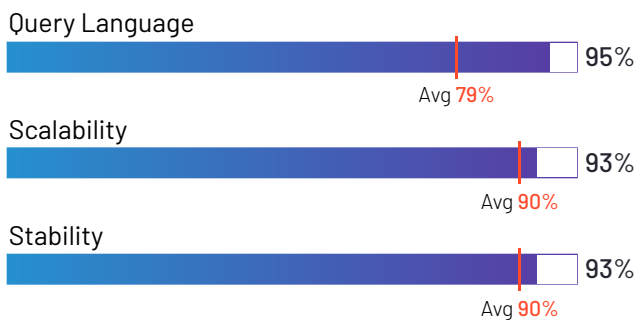
Satisfaction Ratings

Quality of Support
95%
Avg 84%

Ease of Use
83%
Avg 86%

Meets Requirements
88%
Avg 88%

Ease of Admin
N/A
Avg 83%

Ease of Doing Business With
N/A
Avg 88%

Ease of Setup
N/A
Avg 87%

*N/A is displayed when fewer than five responses were received for the question.

Top Industries Represented

● Hospital & Health Care	4
● Computer Software	3
● Information Services	3
● Information Technology and Services	2
● Warehousing	1

Highest-Rated Features

Query Language
95%
Avg 79%

Scalability
93%
Avg 90%

Stability
93%
Avg 90%

Lowest-Rated Features

Storage
81%
Avg 88%

Availability
88%
Avg 91%

Security
88%
Avg 84%
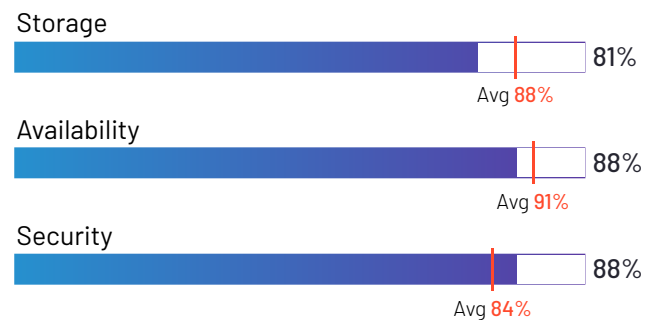
Ownership
InterSystems

HQ Location
Cambridge, MA

Year Founded
1978

Employees (Listed On Linkedin™)
1512

Company Website
www.intersystems.com

ArangoDB

4.7 ★★★★½ (56)

High Performer SUMMER 2021

ArangoDB has been named a High Performer product based on having high customer Satisfaction scores and a low Market Presence compared to the rest of the category. 100% of users rated it 4 or 5 stars, 100% of users believe it is headed in the right direction, and users said they would be likely to recommend ArangoDB at a rate of 94%. ArangoDB is also in the Enterprise Search Software, Graph Databases, Document Databases, and Database as a Service (DBaaS) categories.

Satisfaction Ratings

Quality of Support
90%
Avg 84%

Ease of Use
90%
Avg 86%

Meets Requirements
94%
Avg 88%

Ease of Admin
92%
Avg 83%

Ease of Doing Business With
95%
Avg 88%

Ease of Setup
92%
Avg 87%

Top Industries Represented

● Computer Software	7
● Information Technology and Services	7
● Internet	4
● Accounting	1
● Computer & Network Security	1

Highest-Rated Features

Query Language
97%
Avg 79%

Data Manipulation
96%
Avg 81%

Storage
95%
Avg 88%

Lowest-Rated Features

Stability
90%
Avg 90%

Security
91%
Avg 84%

Availability
92%
Avg 91%
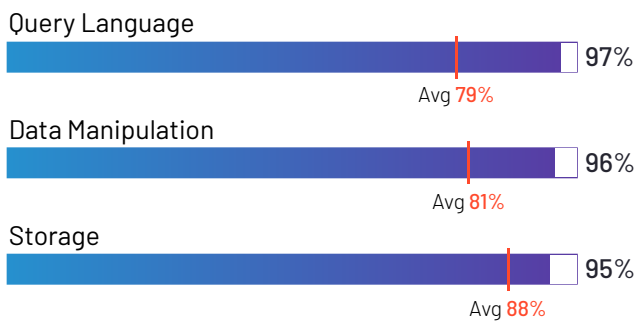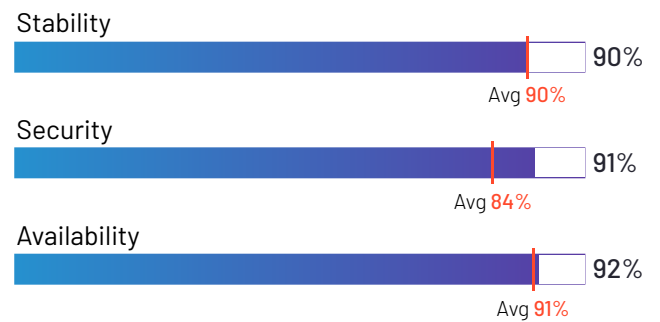
Ownership
ArangoDB

HQ Location
San Francisco, CA

Year Founded
2014

Employees (Listed On Linkedin™)
53

Company Website
www.arangodb.com

Redis Enterprise

ENTERPRISE

4.3 ★★★★½ **(30)**

High Performer SUMMER 2021

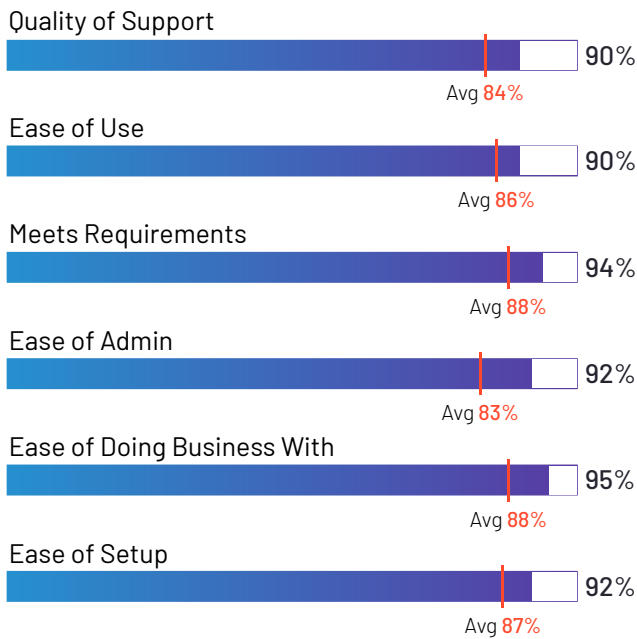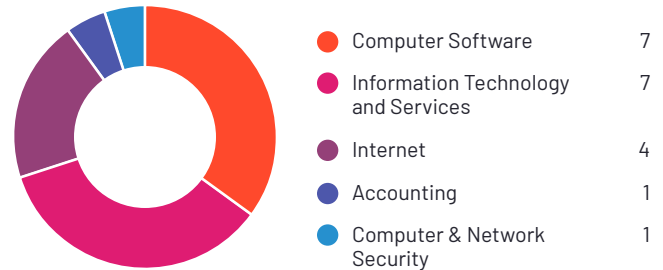Redis Enterprise has been named a High Performer product based on having high customer Satisfaction scores and a low Market Presence compared to the rest of the category. 100% of users rated it 4 or 5 stars, 82% of users believe it is headed in the right direction, and users said they would be likely to recommend Redis Enterprise at a rate of 89%. Redis Enterprise is also in the Time Series Databases, Database Monitoring, Web Hosting, Graph Databases, and Document Databases categories.
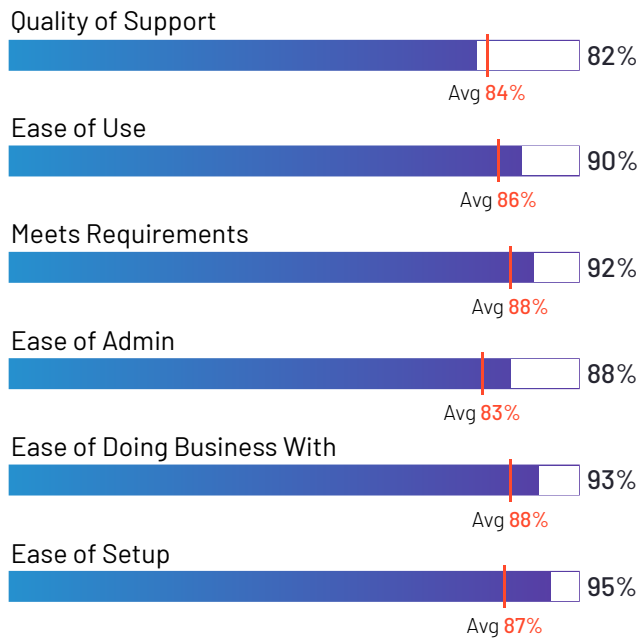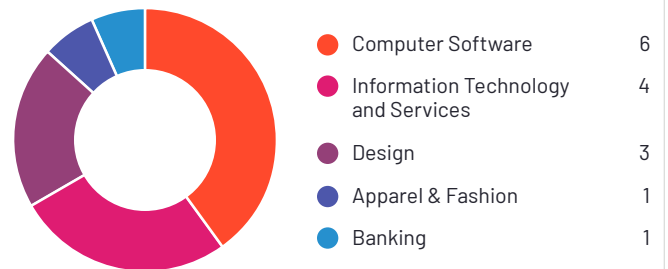
Satisfaction Ratings

Quality of Support
82%
Avg **84%**

Ease of Use
90%
Avg **86%**

Meets Requirements
92%
Avg **88%**

Ease of Admin
88%
Avg **83%**

Ease of Doing Business With
93%
Avg **88%**

Ease of Setup
95%
Avg **87%**

Top Industries Represented

● Computer Software	6
● Information Technology and Services	4
● Design	3
● Apparel & Fashion	1
● Banking	1

Highest-Rated Features

Availability
95%
Avg **91%**

Stability
91%
Avg **90%**

Storage
91%
Avg **88%**

Lowest-Rated Features

Query Language
84%
Avg **79%**

Security
86%
Avg **84%**

Data Manipulation
88%
Avg **81%**
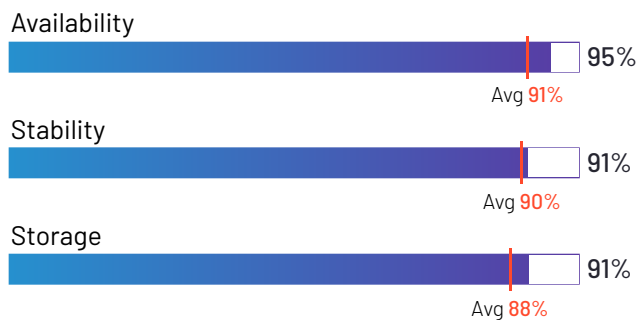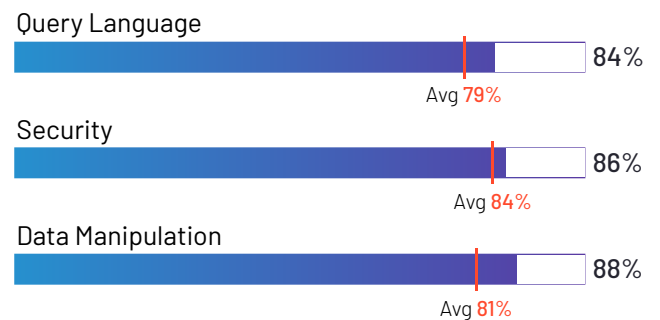
Ownership
Redis Labs

HQ Location
Mountain View, CA

Year Founded
2011

Employees (Listed On Linkedin™)
509

Company Website
redislabs.com

Memcached

4.7 ★★★★½ (17)

High Performer SUMMER 2021

Memcached has been named a High Performer product based on having high customer Satisfaction scores and a low Market Presence compared to the rest of the category. 100% of users rated it 4 or 5 stars, 71% of users believe it is headed in the right direction, and users said they would be likely to recommend Memcached at a rate of 94%.

Satisfaction Ratings

Quality of Support — 89% (Avg 84%)
Ease of Use — 95% (Avg 86%)
Meets Requirements — 96% (Avg 88%)
Ease of Admin — N/A (Avg 83%)
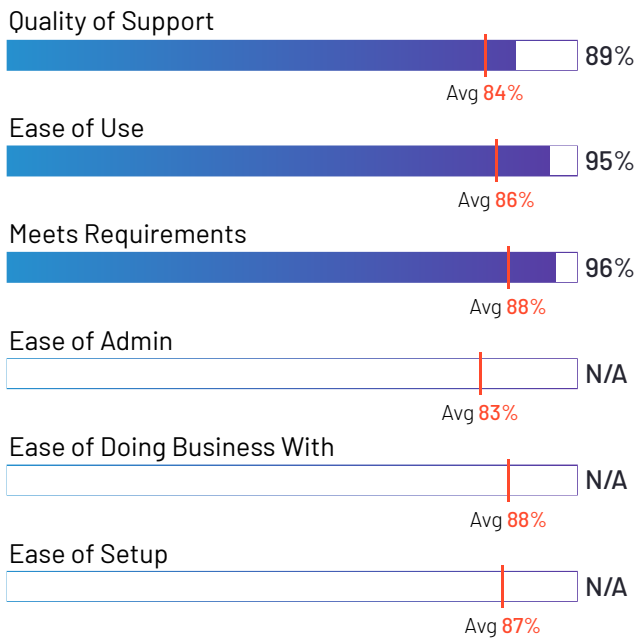Ease of Doing Business With — N/A (Avg 88%)
Ease of Setup — N/A (Avg 87%)

*N/A is displayed when fewer than five responses were received for the question.

Top Industries Represented

- Computer Software — 5
- Internet — 4
- Information Technology and Services — 2
- Marketing and Advertising — 2
- Entertainment — 1

Highest-Rated Features

Availability — 97% (Avg 91%)
Scalability — 96% (Avg 90%)
Stability — 96% (Avg 90%)

Lowest-Rated Features

Data Manipulation — 76% (Avg 81%)
Query Language — 76% (Avg 79%)
Security — 81% (Avg 84%)
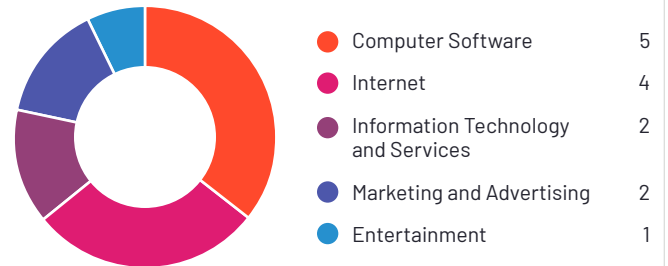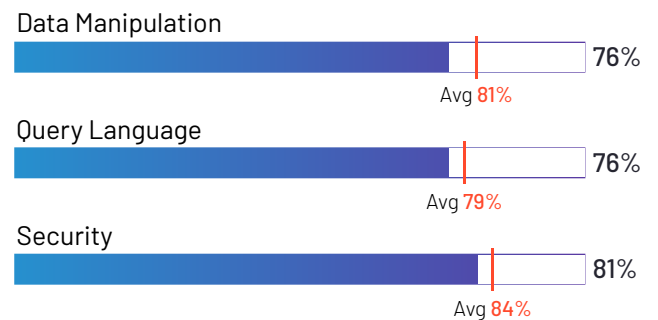
Ownership
Memcached

Employees (Listed On Linkedin™)
2

Company Website
memcached.org
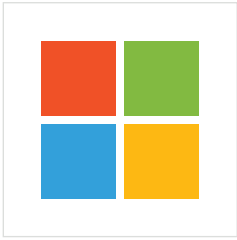
Azure Redis Cache

3.6 ★★★½☆ (21)

Azure Redis Cache has been named a Contender product based on having a relatively low customer Satisfaction score and large Market Presence compared to the rest of the category. While they may have positive reviews, they do not have enough reviews to validate those ratings. 67% of users rated it 4 or 5 stars, 79% of users believe it is headed in the right direction, and users said they would be likely to recommend Azure Redis Cache at a rate of 72%. Azure Redis Cache is also in the Data Replication and Database as a Service (DBaaS) categories.

Satisfaction Ratings

Quality of Support
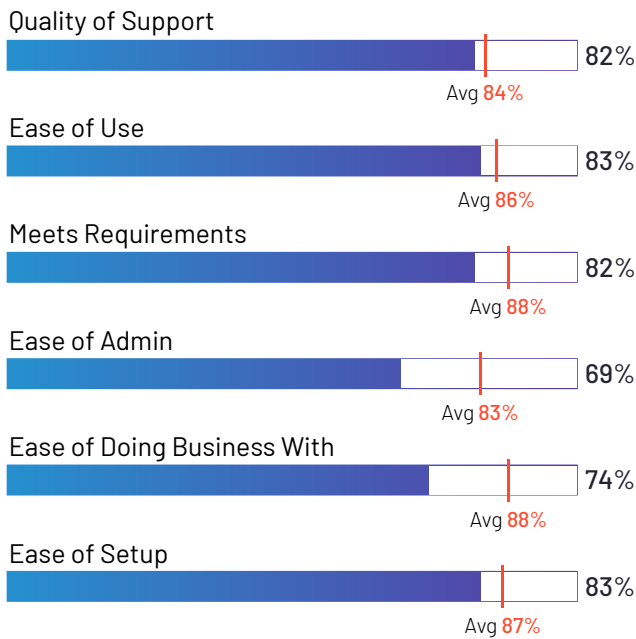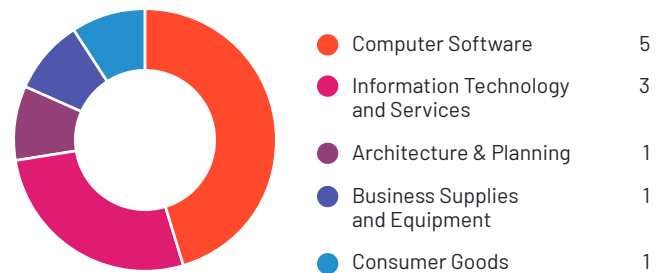82%
Avg 84%

Ease of Use
83%
Avg 86%

Meets Requirements
82%
Avg 88%

Ease of Admin
69%
Avg 83%

Ease of Doing Business With
74%
Avg 88%

Ease of Setup
83%
Avg 87%

Top Industries Represented

Computer Software	5
Information Technology and Services	3
Architecture & Planning	1
Business Supplies and Equipment	1
Consumer Goods	1

Highest-Rated Features

Stability
89%
Avg 90%

Security
87%
Avg 84%

Availability
86%
Avg 91%

Lowest-Rated Features

Data Manipulation
78%
Avg 81%

Storage
81%
Avg 88%

Scalability
81%
Avg 90%
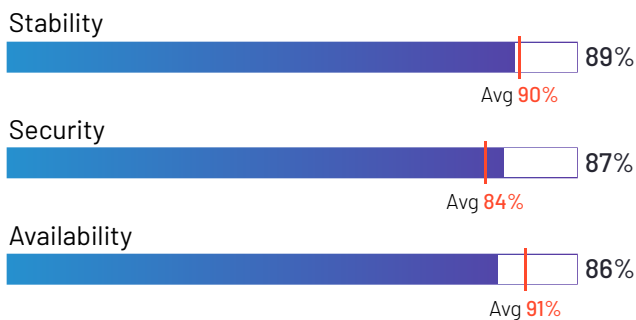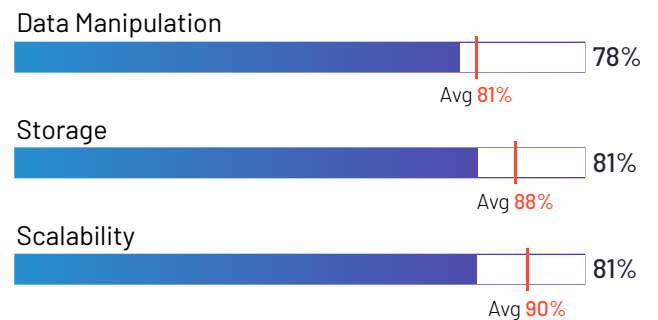
Ownership
Microsoft

HQ Location
Redmond, WA

Year Founded
1975

Total Revenue
$143,015 (USD MM)

Employees (Listed On Linkedin™)
198513

Company Website
news.microsoft.com
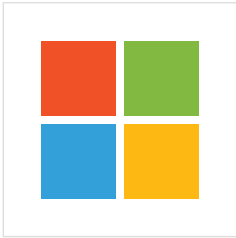
Azure Cosmos DB

4.1 ★★★★☆ (50)

Azure Cosmos DB has been named a Contender product based on having a relatively low customer Satisfaction score and large Market Presence compared to the rest of the category. While they may have positive reviews, they do not have enough reviews to validate those ratings. 92% of users rated it 4 or 5 stars, 70% of users believe it is headed in the right direction, and users said they would be likely to recommend Azure Cosmos DB at a rate of 86%. Azure Cosmos DB is also in the Columnar Databases, Graph Databases, Document Databases, and Database as a Service (DBaaS) categories.

Satisfaction Ratings

Quality of Support
91%
Avg 84%

Ease of Use
78%
Avg 86%

Meets Requirements
86%
Avg 88%

Ease of Admin
N/A
Avg 83%

Ease of Doing Business With
N/A
Avg 88%

Ease of Setup
N/A
Avg 87%

*N/A is displayed when fewer than five responses were received for the question.

Top Industries Represented

- Information Technology and Services — 6
- Computer Software — 2
- Accounting — 1
- Banking — 1
- Consumer Goods — 1

Highest-Rated Features

Security
95%
Avg 84%

Scalability
95%
Avg 90%

Availability
95%
Avg 91%

Lowest-Rated Features

Query Language
78%
Avg 79%

Data Manipulation
86%
Avg 81%

Stability
91%
Avg 90%
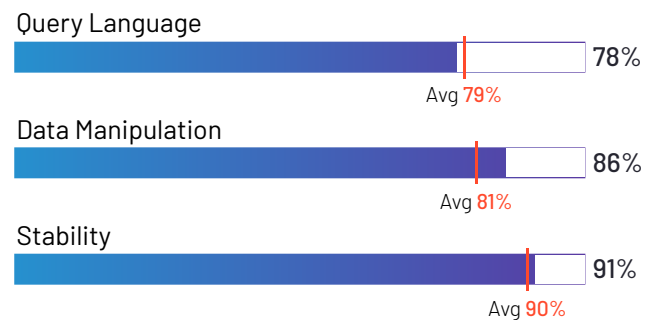

Ownership
Microsoft

HQ Location
Redmond, WA

Year Founded
1975

Total Revenue
$143,015 (USD MM)

Employees (Listed On Linkedin™)
198513

Company Website
news.microsoft.com

DataStax

4.2 ★★★★☆ (13)
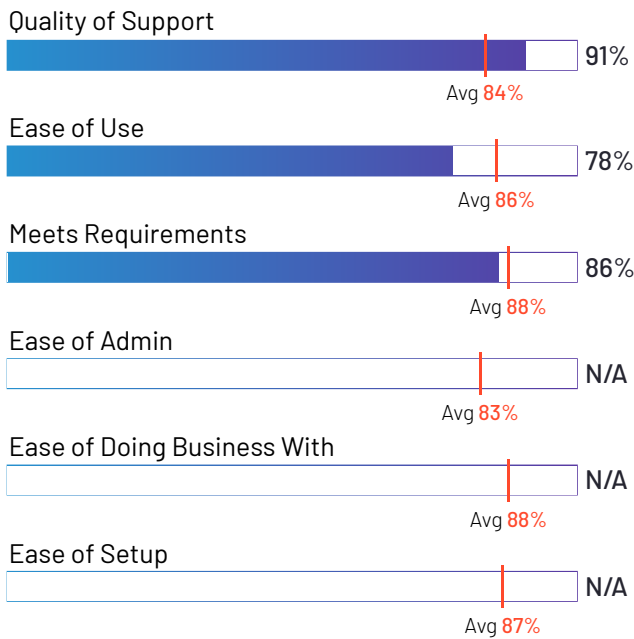
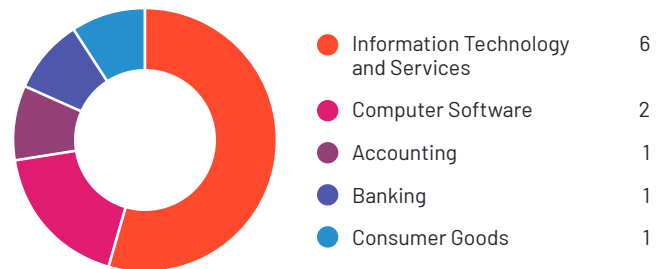DataStax has been named a Niche product based on having a relatively low Satisfaction score and low Market Presence compared to the rest of the category. While they may have positive reviews, they do not have enough reviews to validate those ratings. 92% of users rated it 4 or 5 stars, 82% of users believe it is headed in the right direction, and users said they would be likely to recommend DataStax at a rate of 84%. DataStax is also in the Columnar Databases, Document Databases, Graph Databases, Database as a Service (DBaaS), Time Series Databases, Database Monitoring, and Data Replication categories.

Satisfaction Ratings

Quality of Support   81%
Avg 84%

Ease of Use   82%
Avg 86%

Meets Requirements   91%
Avg 88%

Ease of Admin   69%
Avg 83%

Ease of Doing Business With   86%
Avg 88%

Ease of Setup   81%
Avg 87%

Top Industries Represented

● Information Technology and Services	3
● Apparel & Fashion	1
● Computer Networking	1
● Computer Software	1
● Entertainment	1

Highest-Rated Features

Scalability   95%
Avg 90%

Stability   89%
Avg 90%

Availability   87%
Avg 91%

Lowest-Rated Features

Data Manipulation   80%
Avg 81%

Security   83%
Avg 84%

Query Language   86%
Avg 79%
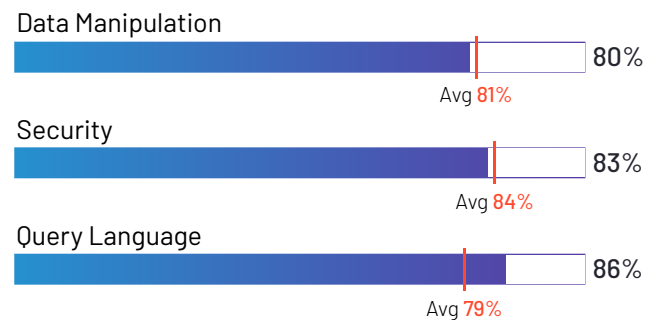
Ownership
DataStax

HQ Location
Santa Clara, CA

Year Founded
2010

**Employees
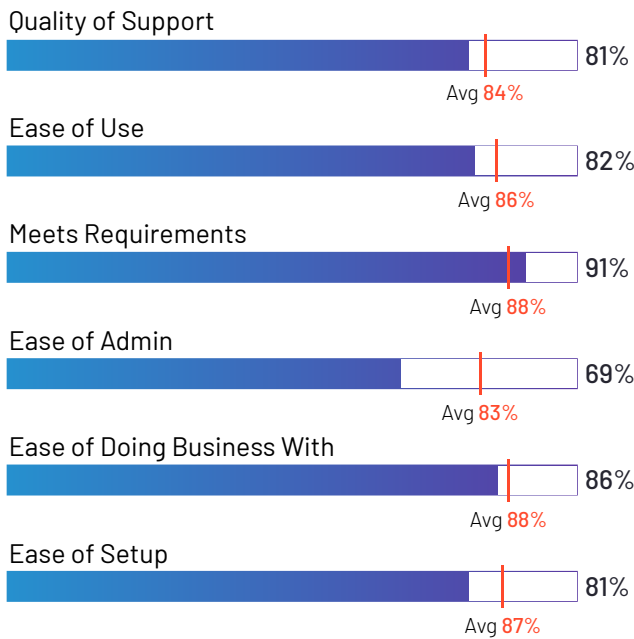(Listed On Linkedin™)**
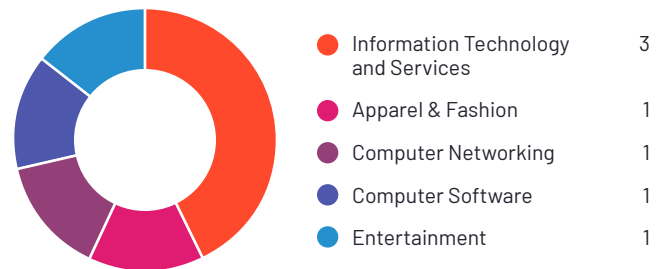540

Company Website
www.datastax.com
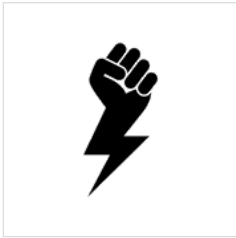
BoltDB

4.4 ★★★★½ (18)

BoltDB has been named a Niche product based on having a relatively low Satisfaction score and low Market Presence compared to the rest of the category. While they may have positive reviews, they do not have enough reviews to validate those ratings. 94% of users rated it 4 or 5 stars, 100% of users believe it is headed in the right direction, and users said they would be likely to recommend BoltDB at a rate of 87%.

Satisfaction Ratings

Quality of Support
87%
Avg 84%

Ease of Use
88%
Avg 86%

Meets Requirements
89%
Avg 88%

Ease of Admin
86%
Avg 83%

Ease of Doing Business With
N/A
Avg 88%

Ease of Setup
91%
Avg 87%

*N/A is displayed when fewer than five responses were received for the question.

Top Industries Represented

- Information Technology and Services — 5
- Computer Software — 2
- Animation — 1
- Computer & Network Security — 1
- Computer Games — 1

Highest-Rated Features

Availability
93%
Avg 91%

Stability
92%
Avg 90%

Storage
88%
Avg 88%

Lowest-Rated Features

Scalability
68%
Avg 90%

Query Language
69%
Avg 79%

Security
70%
Avg 84%
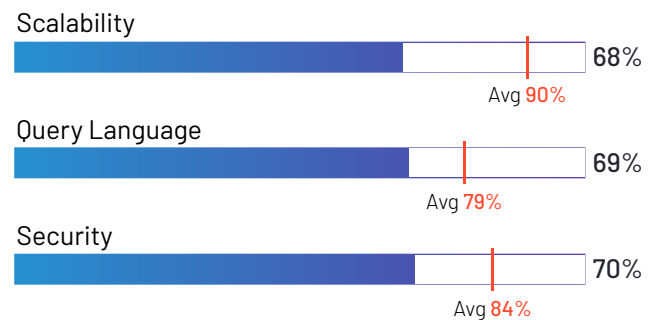
Ownership
BoltDB

**Employees
(Listed On Linkedin™)**
2

Company Website
github.com

Oracle NoSQL Database Cloud

4.0 ★★★★☆ (11)

Oracle NoSQL Database Cloud has been named a Niche product based on having a relatively low Satisfaction score and low Market Presence compared to the rest of the category. While they may have posit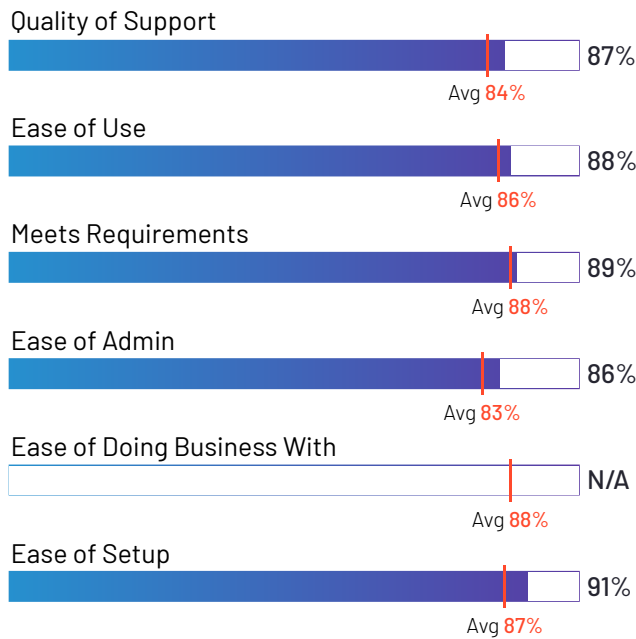ive reviews, they do not have enough reviews to validate those ratings. 91% of users rated it 4 or 5 stars, 88% of users believe it is headed in the right direction, and users said they would be likely to recommend Oracle NoSQL Database Cloud at a rate of 79%. Oracle NoSQL Database Cloud is also in the Document Databases and Database as a Service (DBaaS) categories.

Satisfaction Ratings

Quality of Support
77%
Avg 84%

Ease of Use
81%
Avg 86%

Meets Requirements
78%
Avg 88%

Ease of Admin
N/A
Avg 83%

Ease of Doing Business With
N/A
Avg 88%

Ease of Setup
N/A
Avg 87%

*N/A is displayed when fewer than five responses were received for the question.

Top Industries Represented

Industry	
Internet	3
Financial Services	2
Architecture & Planning	1
Computer Software	1
Government Administration	1

Highest-Rated Features

Scalability
89%
Avg 90%

Storage
88%
Avg 88%

Stability
84%
Avg 90%

Lowest-Rated Features

Security
71%
Avg 84%

Query Language
73%
Avg 79%

Data Manipulation
82%
Avg 81%
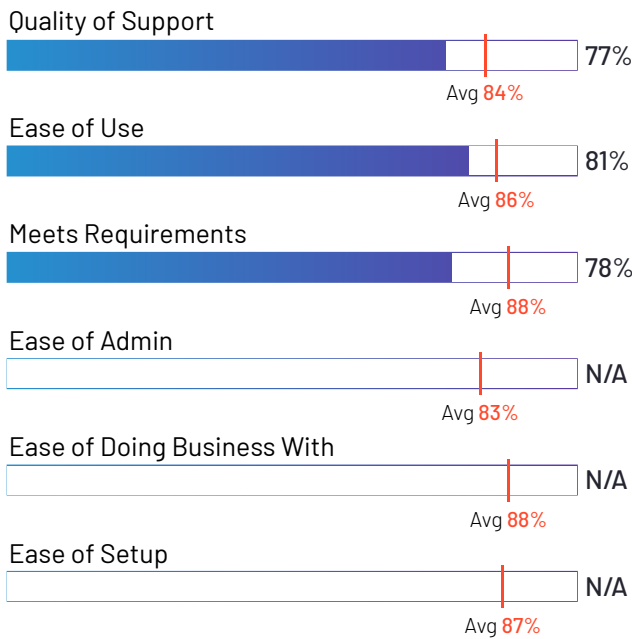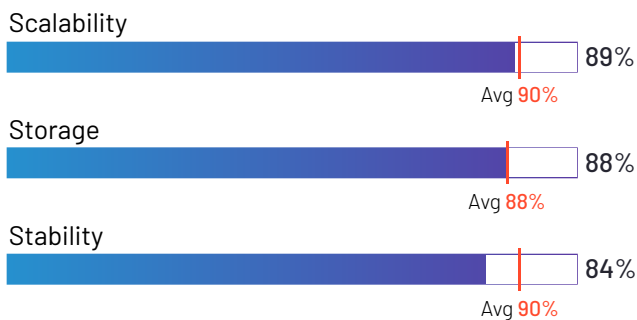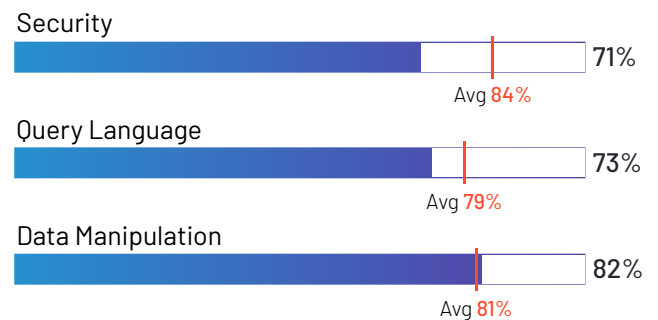
Ownership
Oracle

HQ Location
Redwood Shores, CA

Year Founded
1977

Total Revenue
$39,068 (USD MM)

**Employees
(Listed On Linkedin™)**
204836

Company Website
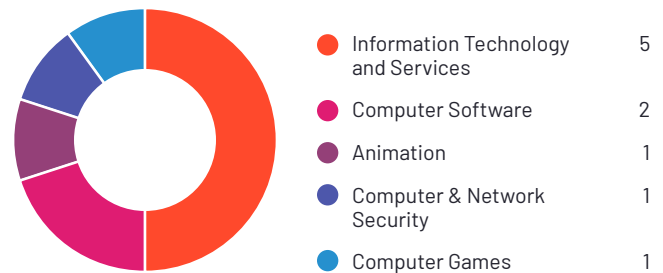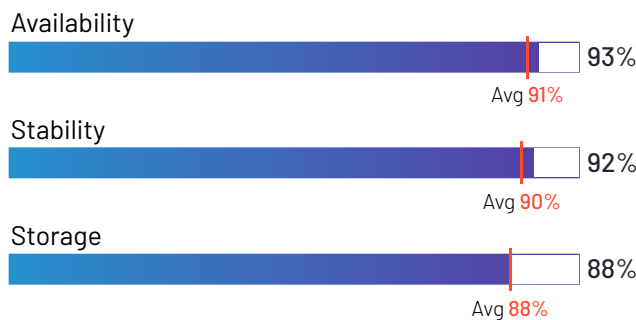www.oracle.com

Pivotal Gemfire

4.2 ★★★★☆ (11)

Pivotal Gemfire has been named a Niche product based on having a relatively low Satisfaction score and low Market Presence compared to the rest of the category. While they may have positive reviews, they do not have enough reviews to validate those ratings. 80% of users rated it 4 or 5 stars, 67% of users believe it is headed in the right direction, and users said they would be likely to recommend Pivotal GemFire at a rate of 83%.

Satisfaction Ratings
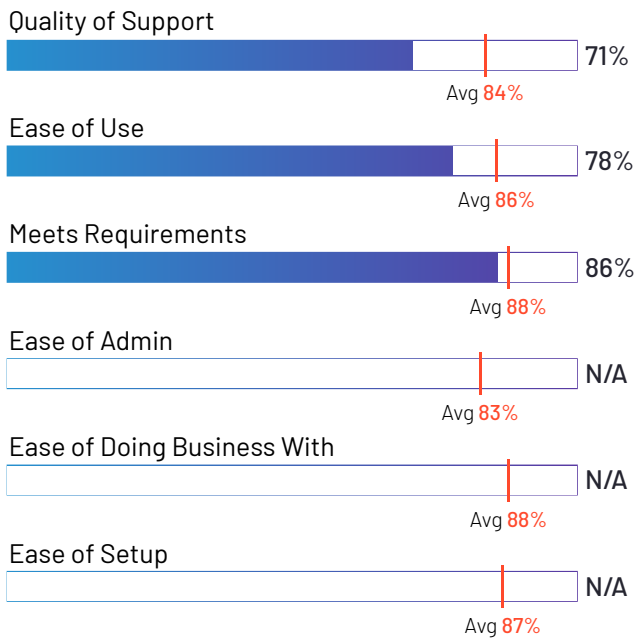
Quality of Support — 71%
Avg 84%

Ease of Use — 78%
Avg 86%

Meets Requirements — 86%
Avg 88%

Ease of Admin — N/A
Avg 83%

Ease of Doing Business With — N/A
Avg 88%

Ease of Setup — N/A
Avg 87%

*N/A is displayed when fewer than five responses were received for the question.

Top Industries Represented

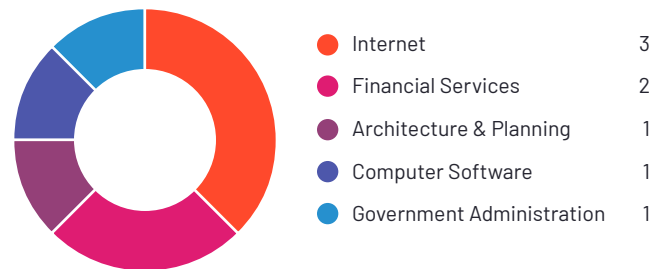| Industry	
● Banking	3
● Financial Services	2
● Capital Markets	1
● Computer Software	1
● Electrical/Electronic Manufacturing	1

Highest-Rated Features

Scalability — 94%
Avg 90%

Stability — 92%
Avg 90%

Availability — 92%
Avg 91%

Lowest-Rated Features

Query Language — 68%
Avg 79%

Storage — 71%
Avg 88%

Data Manipulation — 77%
Avg 81%
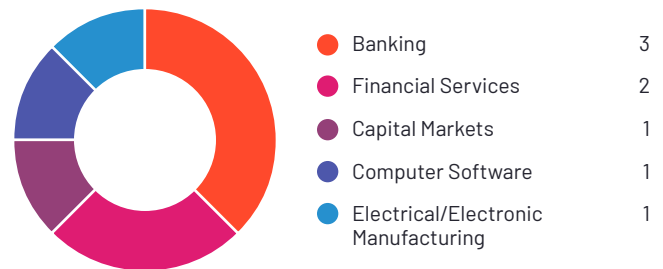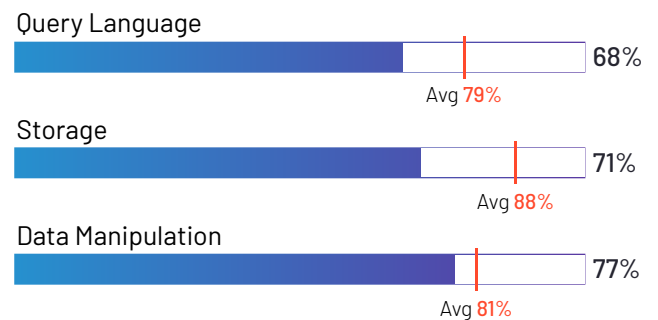
Ownership
Pivotal

HQ Location
San Francisco, CA

Employees (Listed On Linkedin™)
562

Company Website
www.pivotal.io

Satisfaction Ratings for Key Value Databases

G2 reviewers rated software sellers' ability to satisfy their needs as shown in the table below.

	Satisfaction		Satisfaction by Category						Net Promoter Score (NPS)
	Likelihood to Recommend	Product Going in Right Direction?	Meets Requirements	Ease of Admin	Ease of Doing Business With	Quality of Support	Ease of Setup	Ease of Use	Net Promoter Score (NPS) (Range from -100 to +100)
Amazon DynamoDB	86%	94%	88%	97%	93%	86%	89%	87%	50
Amazon ElastiCache	92%	96%	93%	89%	90%	86%	90%	93%	75
Redis	90%	84%	90%	82%	88%	80%	87%	90%	64
Couchbase Server	87%	84%	86%	85%	84%	83%	85%	86%	52
Aerospike	88%	92%	89%	85%	93%	90%	88%	87%	63
Hbase	83%	85%	84%	73%	83%	78%	76%	79%	33
InterSystems IRIS	88%	90%	88%	N/A	N/A	95%	N/A	83%	61
ArangoDB	94%	100%	94%	92%	95%	90%	92%	90%	82
Redis Enterprise	89%	82%	92%	88%	93%	82%	95%	90%	66
Memcached	94%	71%	96%	N/A	N/A	89%	N/A	95%	81
Azure Redis Cache	72%	79%	82%	69%	74%	82%	83%	83%	16
Azure Cosmos DB	86%	70%	86%	N/A	N/A	91%	N/A	78%	46
DataStax	84%	82%	91%	69%	86%	81%	81%	82%	46
BoltDB	87%	100%	89%	86%	N/A	87%	91%	88%	61
Oracle NoSQL Database Cloud	79%	88%	78%	N/A	N/A	77%	N/A	81%	9
Pivotal GemFire	83%	67%	86%	N/A	N/A	71%	N/A	78%	40
Average	86%	85%	88%	83%	88%	84%	87%	86%	53

*N/A is displayed when fewer than five responses were received for the question.

**Net Promoter Score ranges from -100 to +100

Feature Comparison for Key Value Databases

G2 users have evaluated the following products by feature. Feature ratings are representative of reviewers' overall satisfaction with each feature and do not necessarily take into account the breadth of individual product features. The results are shown below.

Database Features

	Storage	Availability	Stability	Scalability	Security	Data Manipulation	Query Language
Amazon DynamoDB	96%	94%	98%	95%	90%	72%	68%
Amazon ElastiCache	91%	96%	94%	96%	98%	87%	87%
Redis	87%	91%	90%	82%	77%	82%	72%
Couchbase Server	87%	89%	81%	88%	76%	77%	76%
Aerospike	91%	92%	91%	92%	80%	79%	78%
Hbase	88%	86%	82%	90%	79%	75%	71%
InterSystems IRIS	81%	88%	93%	93%	88%	88%	95%
ArangoDB	95%	92%	90%	93%	91%	96%	97%
Redis Enterprise	91%	95%	91%	90%	86%	88%	84%
Memcached	93%	97%	96%	96%	81%	76%	76%
Azure Redis Cache	81%	86%	89%	81%	87%	78%	83%
Azure Cosmos DB	93%	95%	91%	95%	95%	86%	78%
DataStax	87%	87%	89%	95%	83%	80%	86%
BoltDB	88%	93%	92%	68%	70%	78%	69%
Oracle NoSQL Database Cloud	88%	84%	84%	89%	71%	82%	73%
Pivotal GemFire	71%	92%	92%	94%	86%	77%	68%
Average	88%	91%	90%	90%	84%	81%	79%

*N/A is displayed when fewer than five responses were received for the question.

**A blank box indicates that a seller has selected that they do not offer that feature.

Additional Data for Key Value Databases

The table below includes a breakdown of the customer segments for each product, as represented by G2 reviewers.

Customers by Size

	Small Business (50 or fewer emp.)	Mid-Market (51-1000 emp.)	Enterprise (>1000 emp.)
Amazon DynamoDB	33%	28%	39%
Amazon ElastiCache	30%	40%	30%
Redis	54%	27%	19%
Couchbase Server	33%	31%	36%
Aerospike	22%	44%	34%
Hbase	24%	25%	51%
InterSystems IRIS	69%	15%	15%
ArangoDB	59%	21%	21%
Redis Enterprise	50%	44%	6%
Memcached	69%	19%	13%
Azure Redis Cache	33%	44%	22%
Azure Cosmos DB	62%	8%	31%
DataStax	23%	15%	62%
BoltDB	72%	11%	17%
Oracle NoSQL Database Cloud	9%	36%	55%
Pivotal GemFire	30%	10%	60%
Average	42%	26%	32%

(Additional Data for Key Value Databases continues on next page)

*N/A is displayed when fewer than five responses were received for the question or when data is not publicly available.

Additional Data for Key Value Databases (continued)

The table below highlights implementation and deployment data as indicated in real user reviews on G2.

Implementation

	Deployment		Implementation Time	Implementation Method			Contract Term
	Cloud	On-Premises	Avg. Months to Go Live	In-House Team	Seller Services Team	Third-Party Consultant	Avg. Contract Term (Months)
Amazon DynamoDB	100%	0%	2.3	77%	15%	0%	4
Amazon ElastiCache	87%	13%	1.4	92%	8%	0%	2
Redis	66%	34%	1.9	96%	0%	4%	2
Couchbase Server	56%	44%	3.0	88%	12%	0%	6
Aerospike	58%	42%	2.9	94%	6%	0%	10
Hbase	48%	52%	4.4	88%	9%	0%	4
InterSystems IRIS	N/A	N/A	N/A	63%	13%	13%	N/A
ArangoDB	42%	58%	1.8	100%	0%	0%	0
Redis Enterprise	100%	0%	0.5	90%	10%	0%	8
Memcached	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Azure Redis Cache	83%	17%	N/A	N/A	N/A	N/A	N/A
Azure Cosmos DB	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DataStax	50%	50%	N/A	N/A	N/A	N/A	N/A
BoltDB	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Oracle NoSQL Database Cloud	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Pivotal GemFire	N/A	N/A	N/A	N/A	N/A	N/A	N/A

(Additional Data for Key Value Databases continues on next page)

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Additional Data for Key Value Databases (continued)

The table below highlights the average user adoption of each product as indicated in real user reviews on G2.

User Adoption

	User Adoption
	Average User Adoption
Amazon DynamoDB	54%
Amazon ElastiCache	86%
Redis	74%
Couchbase Server	63%
Aerospike	79%
Hbase	59%
InterSystems IRIS	N/A
ArangoDB	77%
Redis Enterprise	49%
Memcached	N/A
Azure Redis Cache	N/A
Azure Cosmos DB	N/A
DataStax	N/A
BoltDB	N/A
Oracle NoSQL Database Cloud	N/A
Pivotal GemFire	N/A
Average	68%

(Additional Data for Key Value Databases continues on next page)

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Additional Data for Key Value Databases (continued)

The table below highlights third-party market presence data used to inform the G2's Market Presence Score that highlights each product's impact and influence in the category.

Market Presence

	Seller Name	Year Founded	Revenue ($MM)	Employees on LinkedIn (Seller)	LinkedIn Followers	Twitter Followers (Seller)	Glassdoor Rating	Alexa Web Traffic Rank
Amazon DynamoDB	AWS	2006	$177,866	84,316	5,616,264	1,901,230	3.8	11
Amazon ElastiCache	AWS	2006	$177,866	84,316	5,616,264	1,901,230	3.8	11
Redis	Redis Labs	2011	N/A	509	53,859	40,210	4.4	32,469
Couchbase Server	Couchbase	2009	N/A	642	23,791	148,657	4.8	58,721
Aerospike	Aerospike	2009	N/A	155	8,610	7,285	4.2	194,125
Hbase	The Apache Software Foundation	1999	N/A	1,982	48,207	59,783	2.6	2,155
InterSystems IRIS	InterSystems	1978	N/A	1,512	39,330	27,957	4.2	123,506
ArangoDB	ArangoDB	2014	N/A	53	2,478	12,697	4.1	251,666
Redis Enterprise	Redis Labs	2011	N/A	509	53,859	40,210	4.4	32,469
Memcached	Memcached		N/A	1	1	957	N/A	259,042
Azure Redis Cache	Microsoft	1975	$143,015	198,513	14,235,771	9,476,318	4.4	21
Azure Cosmos DB	Microsoft	1975	$143,015	198,513	14,235,771	9,476,318	4.4	21
DataStax	DataStax	2010	N/A	540	34,107	103,347	4.0	53,667
BoltDB	BoltDB		N/A	1	1	370	N/A	84
Oracle NoSQL Database Cloud	Oracle	1977	$39,068	204,836	6,739,984	775,433	3.7	449
Pivotal GemFire	Pivotal		N/A	562	84,609	355	4.5	89,331

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