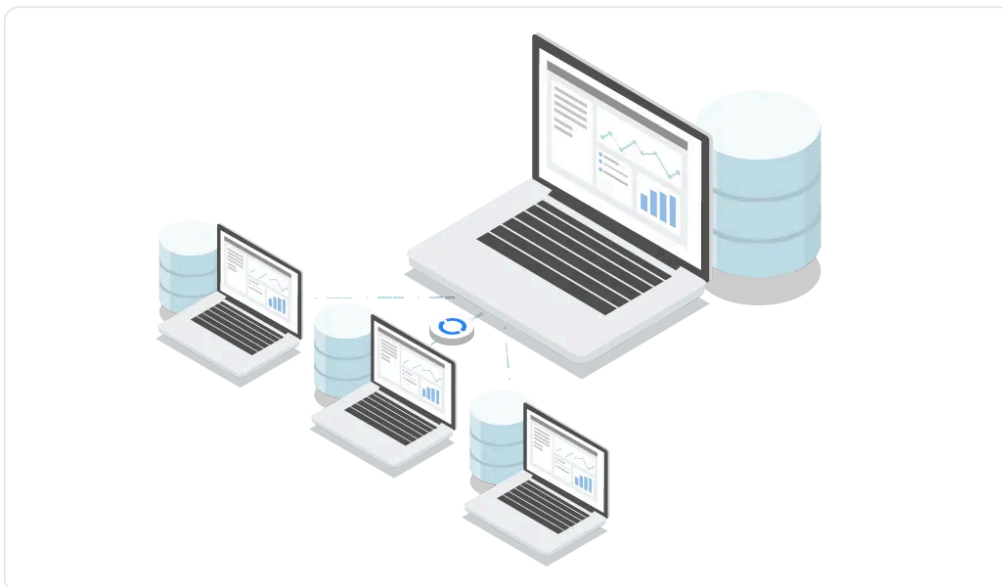


Datastore

Datastore is a highly scalable NoSQL database for your web and mobile applications.

Try it free (<https://console.cloud.google.com/freetrial>)

[View documentation](#) (/datastore/docs) for this product.



Highly scalable NoSQL database

Firestore (/firestore) is the next generation of Datastore. [Learn more](#) (/datastore/docs/upgrade-to-firestore) about upgrading to Firestore.

Datastore is a highly scalable NoSQL database for your applications. Datastore automatically handles sharding and replication, providing you with a highly available and durable database that scales automatically to handle your applications' load. Datastore provides a myriad of capabilities such as ACID transactions, SQL-like queries, indexes, and much more.

What's new

INDUSTRY NEWS

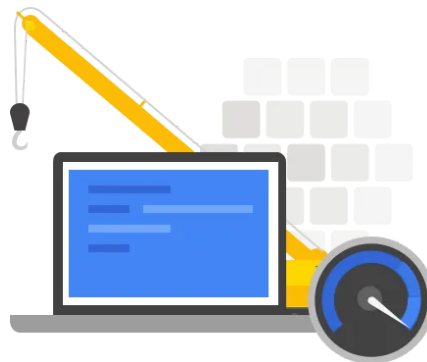
Forrester names Google a leader in The Forrester Wave™: Big Data NoSQL, Q1 2019. Get your complimentary report.

[Learn more \(/forrester-nosql\)](/forrester-nosql)



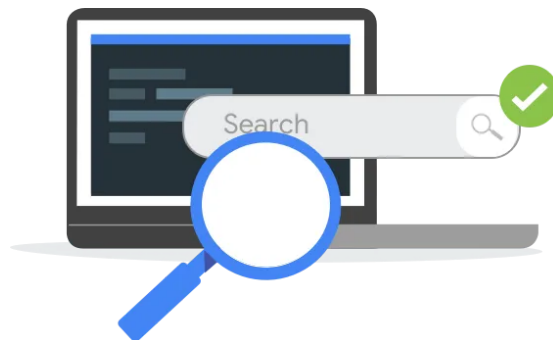
Simple and integrated

With Datastore's RESTful interface, data can easily be accessed by any deployment target. You can build solutions that span across App Engine and Compute Engine and rely on Datastore as the integration point.



Fast and highly scalable

Focus on building your applications without worrying about provisioning and load anticipation. Datastore scales seamlessly and automatically with your data, allowing applications to maintain high performance as they receive more traffic.



Easy-to-use query language

Datastore is a schemaless database, which allows you to worry less about making changes to your underlying data structure as your application evolves. Datastore provides a powerful query engine that allows you to search for data across multiple properties and sort as needed.

1. `// List Google companies with fewer than 400 employees.`
2. `var companies = query.filter('name =', 'Google').filter('size <', 400);`

Features

Rich admin dashboard

View entity statistics, query your database, view indexes, and back up/restore your data.

Diverse data types

Datastore supports a variety of data types, including integers, floating-point numbers, strings, dates, and binary data, among others.

Multiple access methods

Access your data via our JSON API, open source clients, or community-maintained ORMs ([Objectify](https://github.com/objectify/objectify) (<https://github.com/objectify/objectify>), [NDB](https://github.com/GoogleCloudPlatform/datastore-ndb-python) (<https://github.com/GoogleCloudPlatform/datastore-ndb-python>)).

ACID transactions

Ensure the integrity of your data by executing multiple datastore operations in a single transaction with ACID characteristics, so all the grouped operations succeed or all fail.

Fully managed

Datastore is fully managed, which means Google automatically handles sharding and replication in order to provide you with a highly available and consistent database.

Technical resources



Datastore developer docs

[View documentation](#)



Datastore quickstart

[View quickstart](#)



Webinar: NoSQL vs. SQL

[View webinar](#)

Pricing

Datastore is a highly-scalable NoSQL database for your web and mobile applications. For more detailed pricing information, please view the [pricing guide \(/datastore/pricing\)](/datastore/pricing).

US (multi-region) 

	FREE <i>limit per day</i>	PRICE <i>above free limit (per unit)</i>	Price Unit
Stored data	1 GB storage	\$0.18	GB/Month
Entity Reads	50,000	\$0.06	per 100,000 entities
Entity Writes	20,000	\$0.18	per 100,000 entities
Entity Deletes	20,000	\$0.02	per 100,000 entities
Full Operations	50,000	Free	-

If you pay in a currency other than USD, the prices listed in your currency on [Google Cloud SKUs](#) (/skus/?currency=USD) apply.

The fees and free tier for Google Cloud Datastore are the same as the Datastore fees for App Engine.

Small Datastore operations include calls to allocate Datastore IDs or keys-only queries. These operations are free.

Take the next step

Start building on Google Cloud with \$300 in free credits and 20+ always free products.

Try it free (<https://console.cloud.google.com/freetrial>)

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