

# MONGODB THE DEFINITIVE GUIDE G C IT

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**What is MongoDB used for?** MongoDB is built on a scale-out architecture that has become popular with developers of all kinds for developing scalable applications with evolving data schemas. As a document database, MongoDB makes it easy for developers to store structured or unstructured data. It uses a JSON-like format to store documents.

**Why is MongoDB so popular?** MongoDB offers many advantages over traditional relational databases: Full cloud-based developer data platform. Flexible document schemas. Widely supported and code-native data access.

**What is the summary of MongoDB?** MongoDB is a non-relational document database that provides support for JSON-like storage. The MongoDB database has a flexible data model that enables you to store unstructured data, and it provides full indexing support, and replication with rich and intuitive APIs.

**What are the main features of MongoDB?**

**Who actually uses MongoDB?** MongoDB is a popular choice and, according to Stackshare, is used by more than 4,300 companies, including Toyota, Uber, Lyft, Accenture, Coinbase, Bosch, Expedia, Forbes, Urban Outfitters—you name it.

**Is MongoDB better than SQL?** Most RDBMS cannot keep data in memory by configuration, while MongoDB can. You can save up to ten gigabytes of data into memory, this way you save the data load from the hard drive to memory, and you can fetch it faster as compared to SQL Server. The distributed nature of MongoDB gives a major performance boost.

**Why people don't use MongoDB?** To sum up: MongoDB does not guarantee data integrity in any scenario, since it lacks relations. You are able to add some level of consistency by using multi-document transactions and application-level checks.

**What are the disadvantages of MongoDB?** Duplicate Data: MongoDB can suffer from duplicate data, making it difficult to manage your data efficiently. High Memory Usage: MongoDB demands high memory usage, which requires extra attention to keep under control. This is due to the memory inefficiency of duplicate data and the limited ability to implement joins.

**Who are MongoDB's biggest customers?**

**Is MongoDB owned by Google?** MongoDB is developed by MongoDB Inc. and current versions are licensed under the Server Side Public License (SSPL). MongoDB is a member of the MACH Alliance. MongoDB Inc.

**What does MongoDB do for dummies?** MongoDB stores data as JSON documents. The document data model maps naturally to objects in application code, making it simple for developers to learn and use. The fields in a JSON document can vary from document to document.

**Is MongoDB free to use?** Is MongoDB Free? You can get started with a MongoDB developer sandbox in MongoDB Atlas for free with basic configuration options. No credit cards are required to provision a cluster, and you can use it to explore and learn more about MongoDB Atlas, the database-as-a-service platform from MongoDB.

**What is unique about MongoDB?** Like other NoSQL databases, MongoDB doesn't require predefined schemas. It stores any type of data. This gives users the flexibility to create any number of fields in a document, making it easier to scale MongoDB databases compared to relational databases.

**What is the goal of MongoDB?** Our mission is to unleash the power of software and data, enabling development teams to meet the diverse needs of modern applications. MongoDB is also committed to doing our part to create a more sustainable future.

**What language does MongoDB use?** MySQL, like many relational databases, uses structured query language (SQL) for access. MongoDB uses the MongoDB Query Language (MQL), designed for easy use by developers.

**Why are people moving away from MongoDB?** In practice, we and our customers often ran into constraints around the capabilities and usability of MongoDB like the lack of support for transactions, clean-up, inconsistent versioning across managed offerings by cloud providers, not to mention issues associated with schema-less database design structure.

**Is MongoDB outdated?** MongoDB was known to be less reliable because it didn't support ACID transaction semantics in the early days. This has changed since they acquired WiredTiger and use its WiredTiger storage engine. Today, from the transaction perspective, MongoDB is as solid as Postgres.

**What is a real life example of MongoDB?** Aadhaar is a fantastic example of a real-world MongoDB use case. Aadhaar is India's Unique Identification Project and the world's most extensive Biometrics Database System. The program launched in 2009 has collected demographic and biometric information from over 1.2 billion people.

**What does MongoDB stand for?** The name MongoDB is derived from the English word “humongous”, which roughly means “gigantic”. MongoDB was released in 2009 by founder and developer Eliot Horowitz, who stepped down as Chief Technology Officer and from the Board of Directors of MongoDB Inc.

**Which database is best for MongoDB?** MongoDB Atlas database hosting is available on various cloud providers, such as AWS, Microsoft Azure, and Google Cloud Platform, which ensures that it can serve your needs no matter where you are.

**Is MongoDB worth learning?** Yes! The aforementioned 2023 Stack Overflow survey across over 75,000 developers revealed that MongoDB is one of the most desirable databases in the world, along with the likes of PostgreSQL.

**Is MongoDB frontend or backend?** MongoDB is designed for easy scalability and high performance, making it well-suited for modern web applications. Let's discuss how Node.js and MongoDB work together and their respective roles in back-end development.

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**Who needs MongoDB?** Since, MongoDB is a NoSQL database, so we need to understand when and why we need to use this type of database in the real-life applications. Since in normal circumstances, MongoDB always preferred by the developers or project managers when our main concern is the deal with large volume of data with a high performance.

**What is the goal of MongoDB?** MongoDB empowers innovators with our developer data platform and integrated services. Our mission is to unleash the power of software and data, enabling development teams to meet the diverse needs of modern applications.

**Who are MongoDB's biggest customers?**

**The Fight Drama: "High 1" vs. Divine**

**Q: What is the "High 1" drama about?** A: "High 1" is a 2023 Korean drama that follows the story of Chae Yul, a high school student who gets involved in a fight with a bully named Dong Geu. Yul's friends decide to seek revenge, but their efforts backfire and lead to a series of escalating conflicts.

**Q: Who is Divine in the drama?** A: Divine, played by actress Lee Ju Woo, is a former MMA fighter who befriends Yul after his fight with Dong Geu. She becomes a mentor to Yul, helping him learn self-defense and overcome his trauma.

**Q: What is the significance of the fight drama?** A: The fight drama in "High 1" serves as a catalyst for the characters' growth and development. It exposes the underlying issues of bullying, violence, and the search for justice. Through the characters' struggles and conflicts, the drama explores themes of revenge, friendship, and the consequences of one's actions.

**Q: Why is the drama titled "High 1"?** A: The title "High 1" refers to the secret pact that Yul and his friends make to always have each other's backs. The gesture of a high-five symbolizes their unbreakable bond and their determination to stand up for one another.

**Q: What are the lessons we can learn from the drama?** A: "High 1" teaches us about the importance of friendship, forgiveness, and the power of kindness. It

encourages us to confront our fears and seek help when needed. The drama also underscores the destructive consequences of violence and the need to find peaceful resolutions to conflicts.

**What is the book written from perspective of autistic child?** The Reason I Jump You've never read a book like The Reason I Jump. Written by Naoki Higashida, a very smart, very self-aware, and very charming thirteen-year-old boy with autism, it is a one-of-a-kind memoir that demonstrates how an autistic mind thinks, feels, perceives, and responds in ways few of us can imagine.

**What book was written by a nonverbal autistic man?** 'Speechless' is the first book written by Irish author Fiacre Ryan, who shares his journey as an autistic man and non-verbal writer in this non-fiction memoir and poetry collection.

**What is the book about autism written by a child?** My Awesome Autism A little boy named Eddie who is autistic, shares his findings and teaches his readers in a cheerful playful way!

**Do you want to play making friends with an autistic kid book?** Do You Want to Play? takes a different approach, showing us that Autistic children are more than capable of making meaningful contributions to relationships, and suggests how typical children can alter their own approach in order to foster a true connection.

**What is the book about understanding autism?**

**What is the autism book about son?** In Giaci and Me, author and mother Rita Miceli shares the challenges and triumphs that came with her son Giaci's autism diagnosis, from his early childhood to his late teen years and beyond.

**What is the book about the boy who doesn't speak?** Book overview. Jordan was a boy in elementary school who couldn't speak yet, so he was trapped inside his brain in Jordan's World. Jordan has Verbal Apraxia, also known as Childhood Apraxia of Speech, a neurological speech disorder. He knows what he wants to say, but his words don't always come out.

**Who was the first autistic actor to play an autistic character?** Mickey Rowe is an American autistic and legally blind author of the award-winning book Fearlessly Different: An Autistic Actor's Journey to Broadway's Biggest Stage and the first

autistic actor to play the lead role in the play *The Curious Incident of the Dog in the Night-Time*.

**Who is the author of the 14 year old autistic book?**

**What is the best children's book to explain autism?**

**What is the Netflix story about autism?** When a teen on the autism spectrum decides to get a girlfriend, his bid for more independence puts his whole family on a path of self-discovery. Watch all you want.

**What is the Disney movie about autism?**

**Do autistic kids like playing?** Engaging in play improves fine and gross motor skills, as well as social, communication, language, thinking, and problem-solving abilities. All these are skills important to every child's development. Autistic children, like typically-developing children, learn and have fun via play.

**Will my autistic son make friends?** That's part of the reason approximately 52 percent of kids with autism spectrum disorder (ASD) don't have many friends at school. But kids who have autism, just like all kids, benefit from having friends in their peer groups. Don't worry, there are steps you can take to support your child in making a new friend.

**What is the play about autism boy?** But it hasn't always been autism-friendly. The play has barely begun but onstage at Belvoir's new production of *The Curious Incident of the Dog in the Night-Time* a countdown clock is already, steadily, ticking down to something explosive.

**What is the book used in autism assessment?** The Handbook of Assessment and Diagnosis of Autism Spectrum Disorder is an essential reference for researchers, clinicians, professionals, and graduate students in clinical child and school psychology, child and adolescent psychiatry, and social work as well as rehabilitation medicine/therapy, behavioral therapy, ...

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**What is the autism frog book?** The frog in the Autism Well is an entertaining and illuminating book published by Autism Solutions Private Limited with the intention of shifting the perspective of all those who read these books in a direction that is uplifting and life-empowering.

### **Student Exploration: Building DNA Gizmo Answers**

**Question 1: What are the nitrogenous bases found in DNA? Answer:** Adenine (A), thymine (T), cytosine (C), and guanine (G).

**Question 2: What is the complementary base pairing rule? Answer:** A pairs with T, and C pairs with G.

**Question 3: What are the two strands of a DNA molecule held together by? Answer:** Hydrogen bonds between the complementary base pairs.

**Question 4: How many codons are possible with the four nitrogenous bases? Answer:** 64 ( $4 \times 4 \times 4$ )

**Question 5: What type of chemical bond connects the base to the sugar-phosphate backbone of a DNA molecule? Answer:** A covalent bond

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