


















































A nice cheat sheet of different databases in cloud services

Cloud Database Cheat Sheet

 blog.bytebytego.com

DB Type					
Structured	Relational	 RDS Redshift	 SQL Database Synapse Analytics	 Cloud SQL BigQuery	Open Source / 3rd Party  Oracle  MySQL  Snowflake  PostgreSQL  SQL Server  Click House
	Columnar				
Semi Structured	Key Value	 DynamoDB	 Cosmos DB	 BigTable	 Redis
	In-Memory	 ElastiCache	 Azure Cache for Redis	 Memory Store	 Redis
	Wide Column	 Keyspaces	 Cosmos DB	 BigTable	 Cassandra
	Time Series	 Timestream	 Time Series Insights	 BigTable	 Influx
	Immutable Ledger	 Quantum Ledger DB	 Confidential Ledger	 CloudSpanner	 Hyper Ledger Fabric
	Geospatial	 Keyspaces	 Cosmos DB	 BigTable	 PostGIS
	Graph	 Neptune	 Cosmos DB	 CloudSpanner	 OrientDB
	Document	 Document DB	 Cosmos DB	 Firestore	 MongoDB
	Text Search	 OpenSearch	 Cognitive Search	 CloudSearch	 Elastic search
UnStructured	Blob	 S3	 Blob Storage	 Cloud Storage	 Ceph

Choosing the right database for your project is a complex task. The multitude of database options, each suited to distinct use cases, can quickly lead to decision fatigue.

We hope this cheat sheet provides high level direction to pinpoint the right service that aligns with your project's needs and avoid potential pitfalls.

Note: Google has limited documentation for their database use cases. Even though we did our best to look at what was available and arrived at the best option, some of the entries may be not accurate.

Over to you: Which database have you used in the past, and for what use cases?