

# Today's Database Landscape

- Only Relational and NoSQL databases are widely used
- Relational can be categorized as Traditional and NewSQL
- Select the right database for a use case

# Comparison - NewSQL, SQL and NoSQL Databases

	NewSQL Relational	Traditional Relational	NoSQL
Examples	Cloud Spanner, Azure SQL, RDS	SQL Server, MySQL, Oracle	MongoDB, Cosmos DB, Cassandra
Schema	Yes	Yes	Optional
SQL	Yes	Yes	Optional
Consistency	Strong	Strong	Eventual
Scalability	Scale Out, Horizontal	Scale Up, Vertical	Scale Out, Horizontal
Sharding	Yes	No	Yes
Replication	Configurable	Configurable	Configurable