

## SQL/NoSQL Research

### SQL

Name	Pros	Cons
Microsoft SQL Server	<ul style="list-style-type: none"><li>• Claims to be the least vulnerable database</li><li>• Can use many different languages</li><li>• Fast real time analytics</li></ul>	Microsoft... Needs to be on windows
MySQL	<ul style="list-style-type: none"><li>• Easy to use</li><li>• Modern look</li><li>• Easy navigation</li></ul>	Free versions mean's that it can be hacked easier
Oracle Database	<ul style="list-style-type: none"><li>• Cloud use</li><li>• Autonomous</li></ul>	Expensive
Microsoft Access	<ul style="list-style-type: none"><li>• Templates</li><li>• Creates highly customizable applications</li><li>• Shares data with other programs easily</li></ul>	Needs to use Microsoft Access Program.

## NoSQL

Name	Pros	Cons
MongoDB	<ul style="list-style-type: none"><li>• Consistent</li><li>• Flexible</li></ul>	Higher data size Less flexibility with querying
DocumentDB	<ul style="list-style-type: none"><li>• Industry leading SLAs</li><li>• Multi-API</li><li>• Consistent</li></ul>	Cannot enforce or guarantee data consistency
Cassandra	<ul style="list-style-type: none"><li>• Redundant</li><li>• Durable</li><li>• Decentralized</li></ul>	No aggregations, JVM Based, unpredictable performance, CQL.
Coachbase	<ul style="list-style-type: none"><li>• Mobile Platform</li><li>• Fast and secure</li><li>• Cloud use</li></ul>	Uses check and set (CAS)

## APA

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