TRUTHSIFT ANALYSIS

BEST CLOUD DATABASE FOR MODERN APPS?

Analyse which cloud database is best for modern applications. We provide a breakup of different databases, where each database can be discussed through its own graph.

Each cloud database is shown by a graph

1. Amazon Aurora - 8 nodes
2. Google Cloud Spanner - 7 nodes
3. MongoDB Atlas - 9 nodes

PARTICIPANTS

There were 16 participants

PROBABILITY LIKELIHOOD

Scoring Parameter(s):

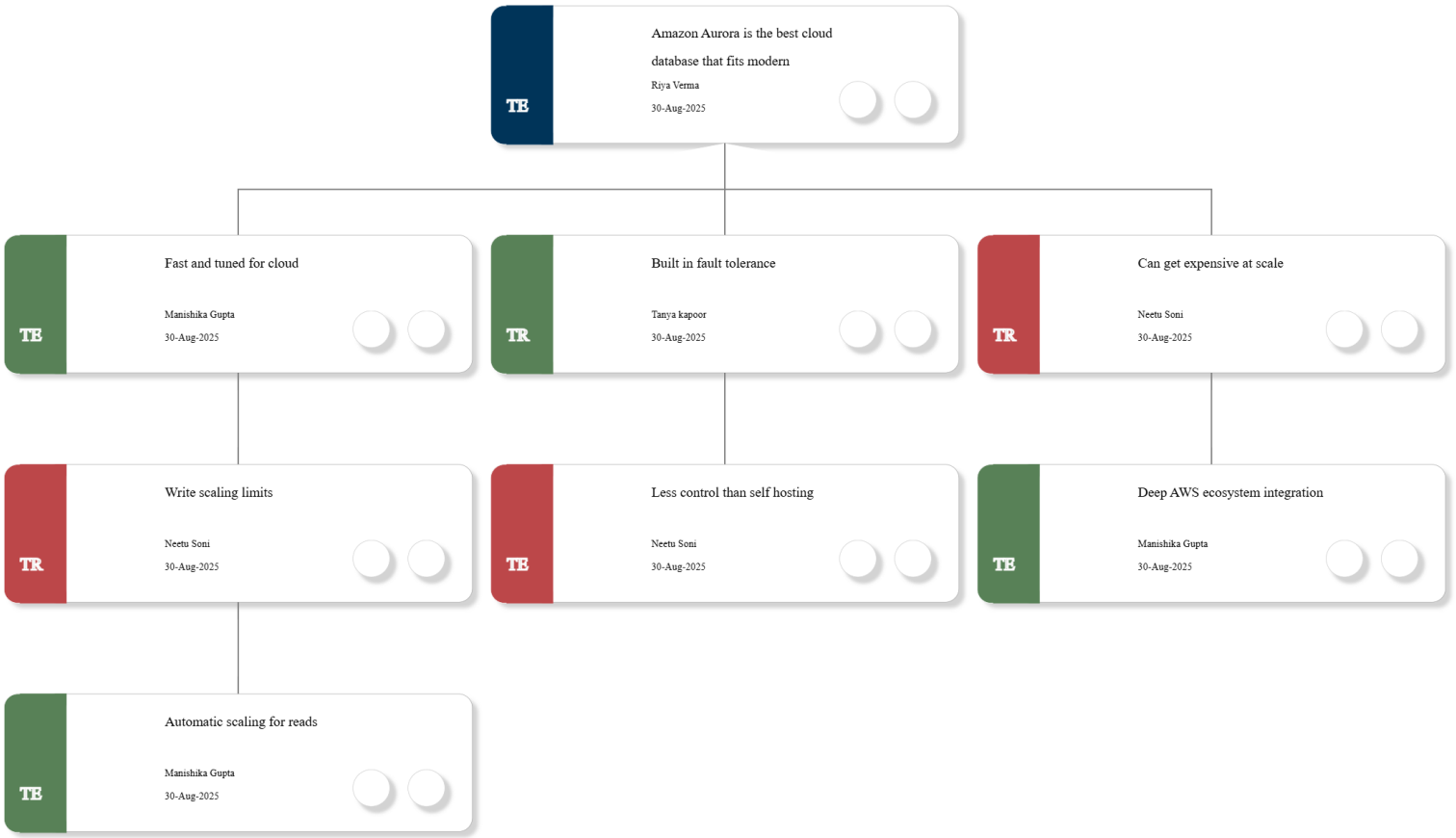
1. Ease of use
2. Performance
3. Cost effectiveness
4. Scalability

GRAPH	SCORE
1. Amazon Aurora	80%
2. Google Cloud Spanner	75%
3. MongoDB Atlas	70%

GRAPH SNAPSHOT

Amazon Aurora

https://app.truthsift.com/spectate/placeholder/512/17



GRAPH SNAPSHOT

Google Cloud Spanner

https://app.truthsift.com/spectate/placeholder/513/17

GRAPH SNAPSHOT

MongoDB Atlas

https://app.truthsift.com/spectate/placeholder/514/17

OVERALL VERDICT

"Microsoft Azure Cosmos DB - 85%
Firebase Realtime Database - 65%

1. Amazon Aurora
- Ease of use: 80%
- Performance: 85%
- Cost effectiveness: 75%
- Scalability: 80%

2. Google Cloud Spanner
- Ease of use: 75%
- Performance: 80%
- Cost effectiveness: 70%
- Scalability: 85%

3. MongoDB Atlas
- Ease of use: 70%
- Performance: 75%
- Cost effectiveness: 80%
- Scalability: 70%

4. Microsoft Azure Cosmos DB
- Ease of use: 85%
- Performance: 80%
- Cost effectiveness: 75%
- Scalability: 90%

5. Firebase Realtime Database
- Ease of use: 65%
- Performance: 70%
- Cost effectiveness: 60%
- Scalability: 65%

Now, let's analyze each database based on the provided scores.

Amazon Aurora:
Amazon Aurora scores high in performance (85%) and ease of use (80%), making it a strong contender for modern applicatio ns. Its scalability (80%) is also commendable, allowing it to handle growing workloads effectively. However, its cost ef fectiveness (75%) may not be the best compared to other options.

Google Cloud Spanner:
Google Cloud Spanner offers a good balance with a solid scalability score (85%) and decent performance (80%). Its ease o f use (75%) is satisfactory, but its cost effectiveness (70%) is relatively lower, which may be a concern for budget-con scious developers.

MongoDB Atlas:
MongoDB Atlas has a lower ease of use score (70%) and scalability score (70%), which may hinder its adoption for some de velopers. However, it performs reasonably well (75%) and is cost-effective (80%), making it a viable option for applicat ions with budget constraints.

Microsoft Azure Cosmos DB:
Microsoft Azure Cosmos DB stands out with the",