TRUTHSIFT ANALYSIS

WHICH EV CHARGING PROTOCOL IS BEST?

Analyse which charging protocol is best for electric vehicles. We provide a breakup of differen t charging protocols, where each protocol can be discussed through its own graph.

Each charging protocol is shown by a graph

1. Tesla Supercharger - 8 nodes
2. CHAdeMO - 8 nodes
3. Combined Charging System - 7 nodes

PARTICIPANTS

There were 16 participants

PROBABILITY LIKELIHOOD

Scoring Parameter(s):

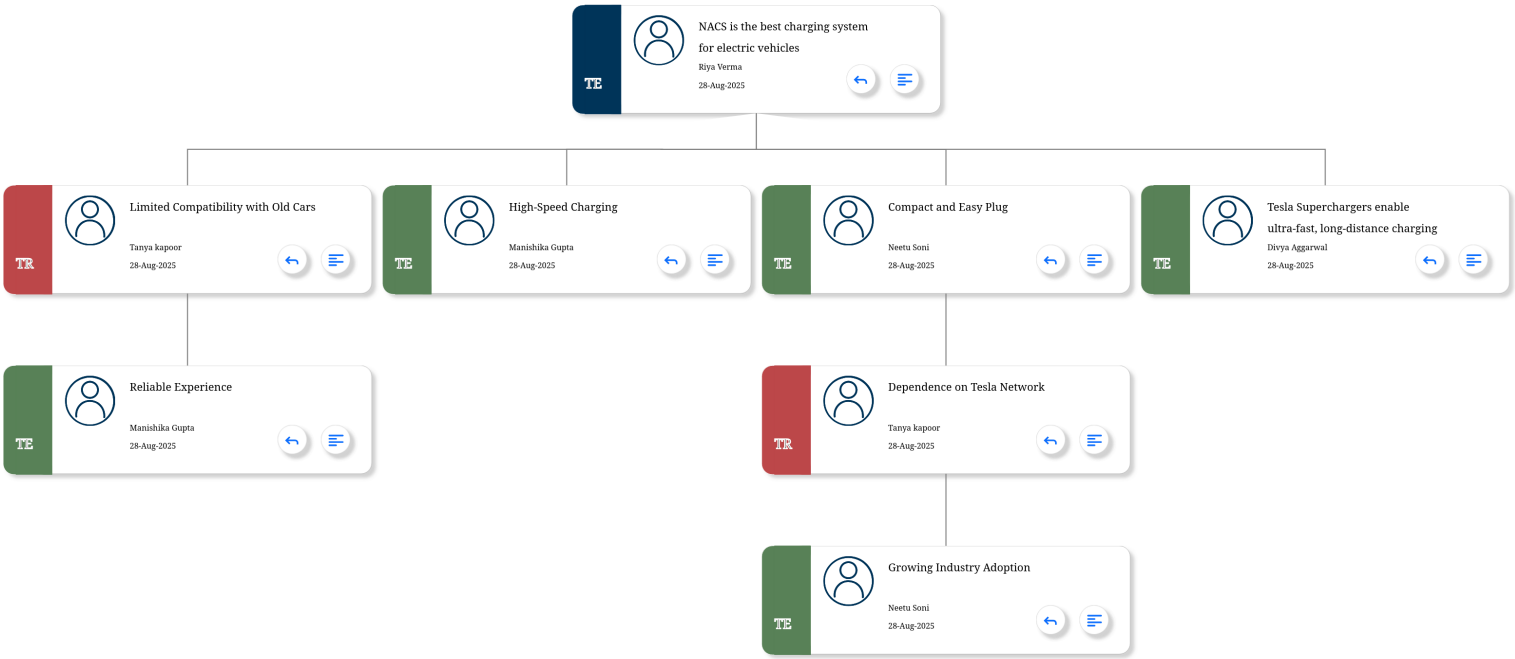
1. Ease of use
2. Cost effectiveness
3. Speed and Performance
4. Scalability

GRAPH	SCORE
1. Tesla Supercharger	87%
2. CHAdeMO	73%
3. Combined Charging System	72%

GRAPH SNAPSHOT

Tesla Supercharger

https://app.truthsift.com/spectate/placeholder/511/17



GRAPH SNAPSHOT

CHAdeMO

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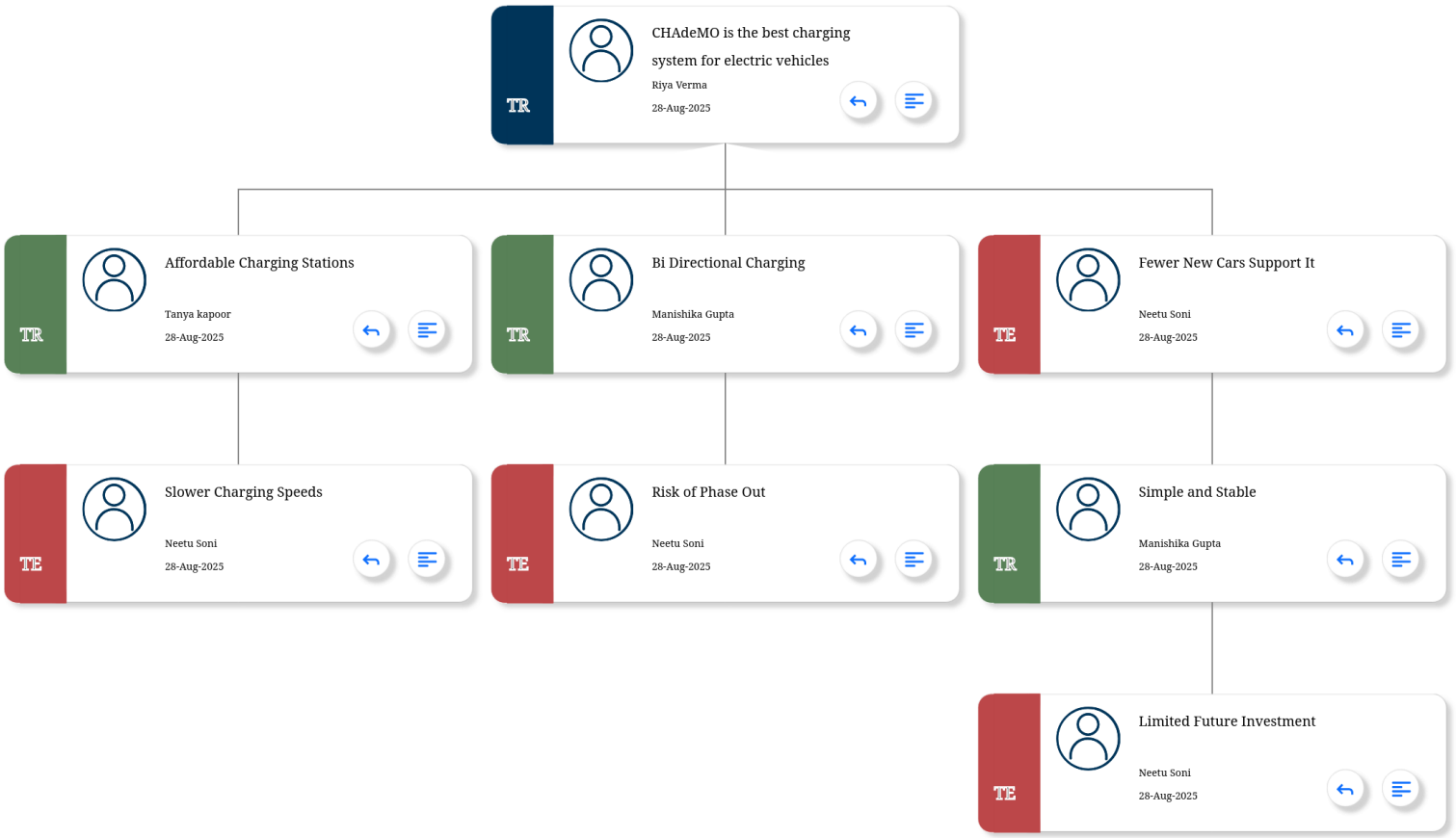

GRAPH SNAPSHOT

Combined Charging System

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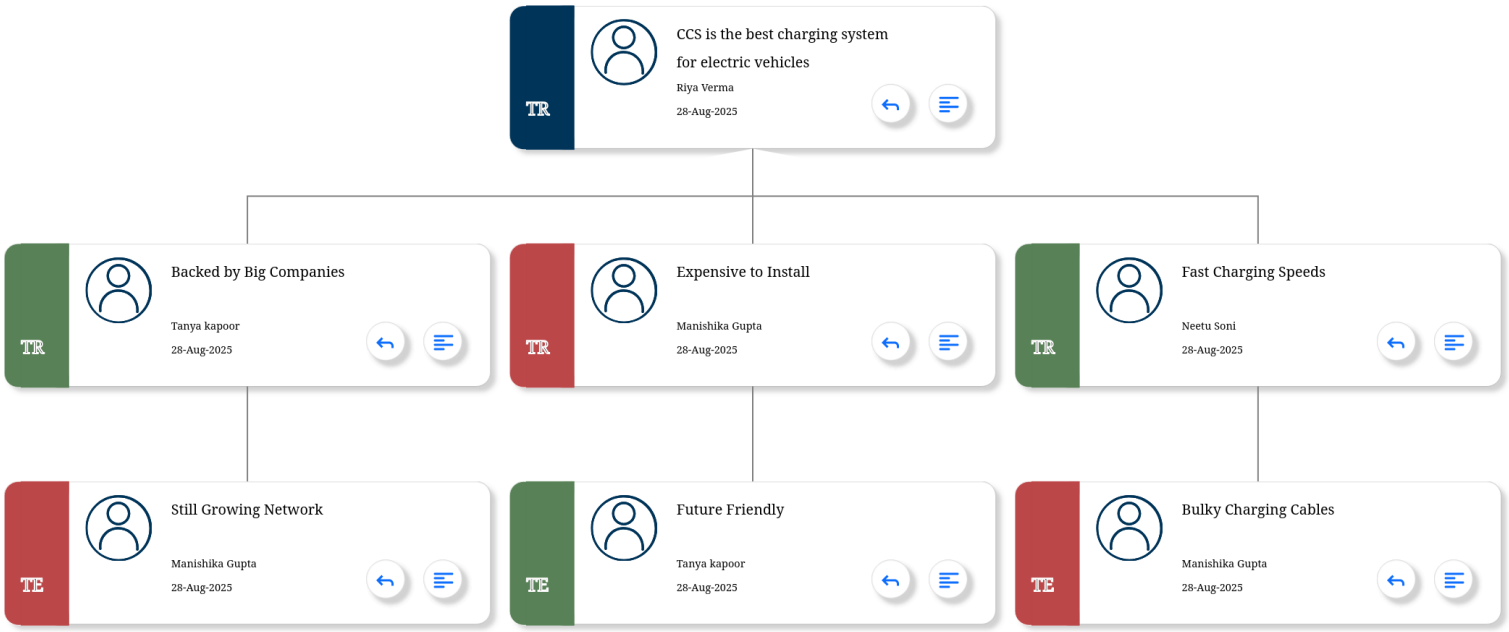

OVERALL VERDICT

"Type 2 AC Charging - 68%
Nissan Leaf - 65%

Based on the above scores, we can analyze the charging protocols for electric vehicles.

1. Tesla Supercharger: With a score of 87%, the Tesla Supercharger is the most efficient charging protocol available. It excels in ease of use, cost effectiveness, speed and performance, and scalability. Tesla has created a robust network of Superchargers that are strategically placed, making it easy for Tesla owners to find and use them. The high-speed charging capability allows for quick recharging, making long-distance travel more feasible for electric vehicle owners.

2. CHAdeMO: Scoring 73%, CHAdeMO is a widely used charging protocol, especially in Japan. It offers good performance and is compatible with a variety of electric vehicles. However, it falls short in terms of scalability compared to Tesla's Supercharger network. While it is relatively easy to use, the charging speed is not as fast as Tesla's offering.

3. Combined Charging System (CCS): With a score of 72%, the Combined Charging System is another popular charging protocol. It is designed to support both AC and DC charging, making it versatile. However, it does not match the performance and ease of use of the Tesla Supercharger. CCS is gaining traction in Europe and North America, but its scalability is still a concern.

4. Type 2 AC Charging: Scoring 68%, Type 2 AC Charging is commonly used in Europe. It is primarily used for slower charging and is not as efficient as the other protocols mentioned. While it is cost-effective and easy to use, the charging speed is significantly lower, making it less suitable for long-distance travel.

5. Nissan Leaf: With a score of 65%, the Nissan Leaf charging protocol is specific to the Nissan Leaf vehicle. While it is easy to use, it is limited in terms of compatibility with other electric vehicles. The charging speed is also slower compared to other protocols,",