This car can collect large amounts of data in transit,

Which makes it an ‘Intelligence Hub’ by staying connected.

This is a future driven by Connected Cars.

Connected Cars and Healthcare

In Japan, where the population is rapidly aging, data shows that about half of the elderly drivers involved in fatal traffic accidents are cognitively impaired.

How can connected cars contribute to solving this social problem?

By collecting driving behavior data from the connected cars, including information on acceleration/deceleration and braking patterns, and combining it with driving video data, NTT DATA has developed an algorithm to detect “dangerous driving” behavior, such as failing to stop, stopping abruptly, and crossing the center line.

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Along with this driving data and driver health information such as age, gender, physical condition, and medical history; we are also developing an algorithm to enable early detection of deteriorating cognitive function or brain health.

Looking ahead, we hope to establish a system for avoiding a wide range of risks by estimating the brain health of elderly people based on other aspects of their daily lives.
NTT DATA will continue to explore the role of IT in improving the quality of healthcare, starting with the use of Connected Cars.