Gartner Identifies the Top 10 Strategic Technology Trends for 2019

Autonomous Things

Autonomous things use AI to automate tasks usually carried out by humans. Some examples are cars, robots, and drones, among others. Autonomous things interact with their environment more effectively and naturally when they are AI-driven.

Augmented Analytics

Information researchers or data scientists presently have loads of data to study which makes it difficult to analyze all potential outcomes. Augmented Analytics helps the data scientists automate some of their tasks.

AI-driven Development

It is the practice of developing AI-powered tools for development purposes. The tools, technologies, and the best practices are analyzed for embedding of AI into applications.

Digital Twins

Digital twins is the digital representation of the real-life object or system, including larger systems like a city or a power plant. This could improve the decision-making of businesses and enterprises by giving insights into products efficiency and improvement possibilities.

Empowered Edge

It is a topology in which the content collection, information processing, and delivery are present closer to the source of information to reduce latency as the traffic is kept local. In the coming years, the powerful Edge computing will be seen with better processing, storage, and AI specialization.

Immersive Technologies

It is a term for the combination of AR (Augmented Reality), VR (Virtual Reality) and MR (Mixed Reality) which will lead to the immersive user-experience. This will change the way people perceive and interact with the digital world.

Blockchain

Blockchain technology looks promising for improving the cash flow by enabling features like sharing of data in a secured environment, tracking, and tracing physical and digital assets. Right now, there are debates over the technology, and some have even considered it immature, but in future, they can change the way industries works.

Smart Spaces

It is the name given to an environment where both human and technology-enabled systems are present and can interact with each other in a more connected and intelligent ecosystem.

Digital Ethics and Privacy

One of the major concerns of the people and governments is how the data and their personal information provided to both private and public sector is being used. The digital ethics and privacy regulations seem to be the highlight in the coming years.

Quantum Computing

It is a form of non-classical computing which works over the quantum state of subatomic particles like electrons and ions. These particles represent information as elements denoted as qubits. They are highly scalable and have parallel computing capabilities.

Which technology you think will be trending in 2019?