

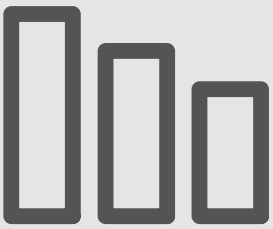
# TOP 10 TECHNOLOGY TRENDS: 2019

As predicted by Gartner

1

## AUTONOMOUS THINGS

By 2021, 10% of new vehicles will have autonomous driving capabilities, compared with less than 1% in 2017.



2

## AUGMENTED ANALYTICS

Through 2020, the number of citizen data scientists will grow five times faster than the number of expert data scientists.

3

## AI-DRIVEN DEVELOPMENT

By 2020 at least 40% of new application development projects will have AI code developers on their team.



4

## DIGITAL TWIN

24% of enterprises implementing IoT projects are using digital twins. That number is likely to go up to the 50% to 60% range over the next one to two years.

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## EMPOWERED EDGE

Storage, computing and advanced AI and analytics capabilities will expand the capabilities of edge devices through 2028.



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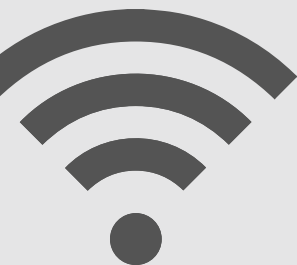
## IMMERSIVE EXPERIENCES

By 2022, 70% of enterprises will be experimenting with immersive technologies for consumer and enterprise use, and 25% will have deployed to production

7

## BLOCKCHAIN

Blockchain is going to create \$3.1 trillion in business value by 2030, but it will be a slow ramp-up getting to that point.



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## SMART SPACES

Smart cities have been around for a while, but we're starting to see them mature and evolve with help from IoT, blockchain, AI and digital twins.

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## DIGITAL ETHICS AND PRIVACY

By 2021, organisations that are caught lacking in privacy protection will pay 100% more in compliance costs than best-practice adhering competitors



10

## QUANTUM COMPUTING

By 2023, 20% of organisations will be budgeting for quantum computing projects, compared with less than 1% today.