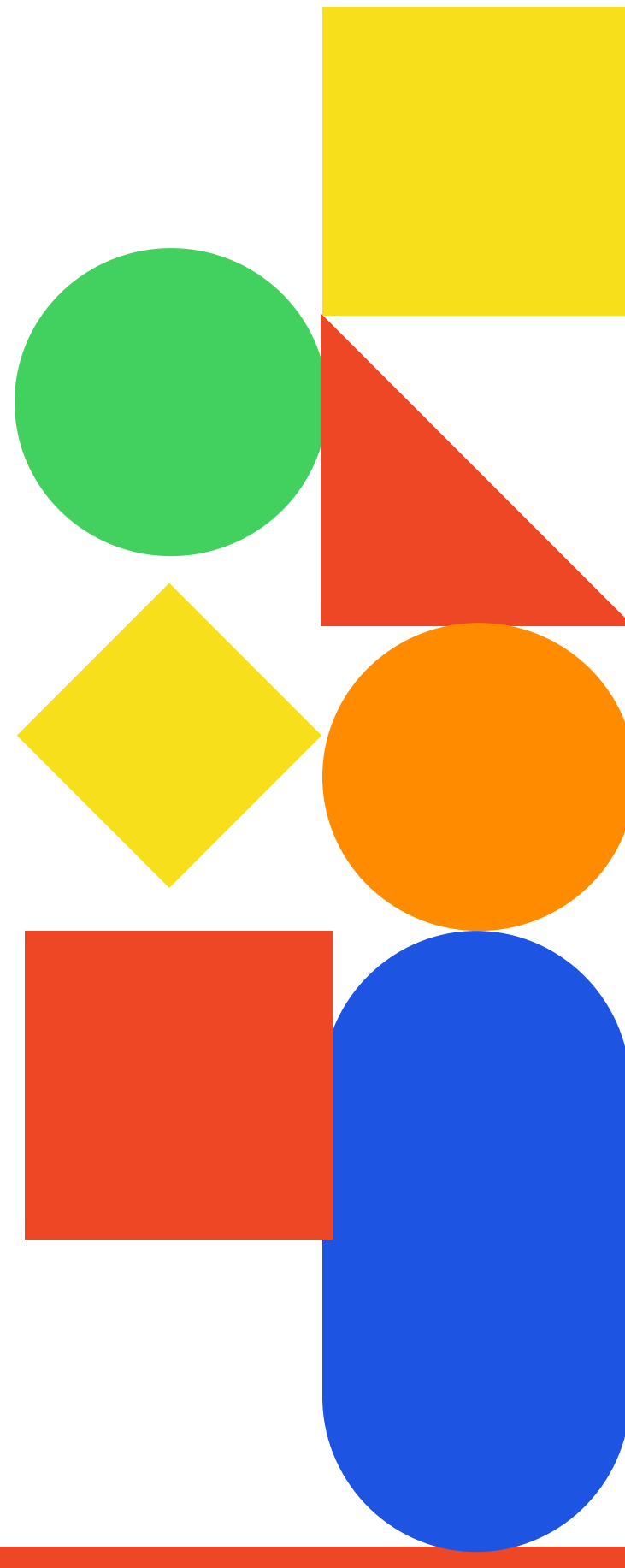


TOP EMERGING TECHNOLOGY TRENDS FOR 2021



1 INTERNET OF BEHAVIORS

Internet of Behaviors means collecting digital feedback and analyzing it to influence consumer behavior. For example: studying your online purchase activities and their direct correlation to your health. You may pay a higher insurance premium if data indicates that you're buying a lot of processed/junk food.

2 TOTAL EXPERIENCE STRATEGY

Total experience links customer experience, employee experience and user experience to deliver impactful solutions. For example: A doctor appointment system via an app, a notification about filling out the relevant forms when the patient reaches the clinic and an alert informing how long it will take until the doctor is able to see them.

3 PRIVACY-ENHANCING COMPUTING

Privacy-enhancing computation provides a secure environment to process data, decentralizes the processing and encrypts the data. This end-to-end security ensures confidentiality of data is not compromised. This has become even more crucial in current times due to teleworking due to the pandemic.

4 HYBRID CLOUD

Hybrid cloud is the distribution of cloud services to different locations while retaining the governance with a public cloud provider. This is helpful for companies who are looking to reduce costs and complexities associated with managing their own private cloud. It also helps companies to follow laws pertaining to data staying in a certain geographical area.



5 ANYWHERE OPERATIONS

Anywhere operations is especially important to operate in the current COVID-19 times. This model allows business to operate from anywhere without any physical interaction. Here, not just the business but also the customers operate remotely. For example: internet or mobile banking that allows a customer to transact with the bank from their own home.

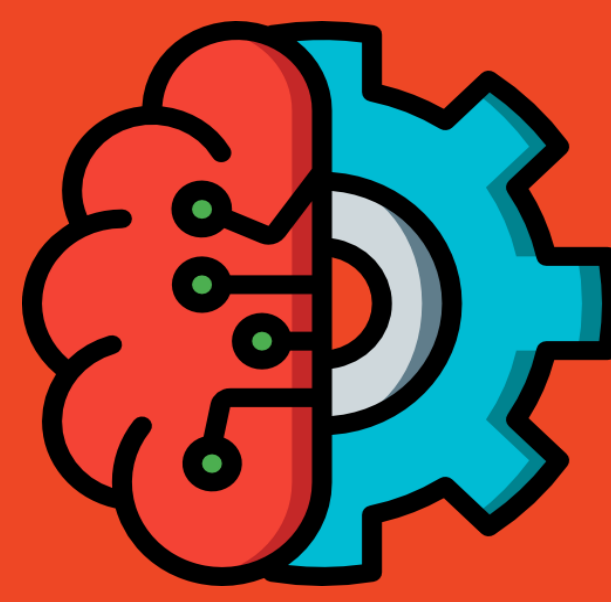


6 CYBERSECURITY MESH

Cybersecurity mesh allows for the security wall to be defined around an individual rather than the company. A rise in teleworking has fueled the need to secure digital assets that are outside the company's security perimeter. Cybersecurity mesh allows organizations to cover employees working from home.

7 AI ENGINEERING

Artificial Intelligence Engineering has the potential to improve the scalability and performance of projects. AI engineering can make AI a built-in part of software development and create more value in the process.



8 HYPERAUTOMATION

Hyperautomation refers to the idea of automating anything that can be automated. It is very useful for large business that have enormous processes but they are not streamlined, thereby making them inefficient. To bridge this gap, they often rely on ad-hoc business models and technologies that are not well-connected to the rest of their processes.

9 EXPEDITED 5G DEPLOYMENT

The pandemic has forced work culture to evolve and has made teleworking the new norm. Hence, the urgent need for high-speed, reliable internet will continue to grow multifold. Since 5G is the way forward for telecom companies, it is expected to become mainstream in 2021.



10 INTELLIGENT COMPOSABLE BUSINESS

An intelligent composable business is one that can adapt, evolve and rearrange itself real-time, based on a given situation. As businesses try to embrace digital transformation, they need to make quick decisions using available data. This means having better access to and better insights into the data and to respond quickly to those insights via efficient processes.

SOURCES:

<https://www.gartner.com/smarterwithgartner/gartner-top-strategic-technology-trends-for-2021/>
<https://www.ishir.com/blog/9018/top-15-emerging-technology-trends-to-watch-in-2021-and-beyond.htm>

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