



Erasmus+



ERASMUS+ YOUTH EXCHANGE

DIGITAL

Developing Intelligent Generations In Technological Aspect Literacy

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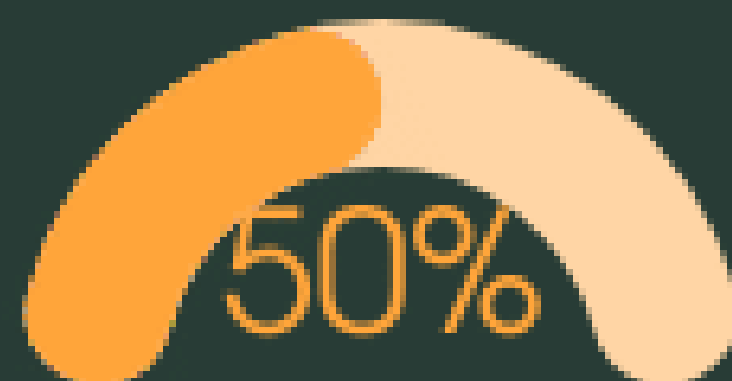
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DATA PRIVACY

INFORMATION PRIVACY IS THE RELATIONSHIP BETWEEN THE COLLECTION AND DESSAMINTION OF DATA, TECHNOLOGY, THE PUBLIC EXPECTATION OF PRIVACY AND THE LEGAL AND POLITICAL ISSUES AROUND THEM

SENSITIVE DATA :

- 1 - MEDICAL RECORDS
- 2 - PERSONAL DATA
- 3 - FINANCIAL DATA
- 4 - INTELLECTUAL PROPERTY DATA



AMERICAN ADULTS SAID
THAT ON ONLINE
ADVERTISERS SHOULDN'T
STORE INFORMATION ON
THIER CUSTOMERS



OF WEB TRAFFIC
CONTAINS GOOGLE THIRD
PARTY SCRIPTS AND
ALMOST HALF OF THEM
ARE TRACING USERS

SECURING YOUR DEVICES AND NETWORKS

1. Check your push notification settings on mobile device.
2. Use strong passwords.
3. Take care when working remotely.
4. Be wary of suspicious emails.
5. Anti-malware protection must be installed.
6. Keep on top of authorisations.
7. Make your old computers' hard drives unreadable.
8. Secure your wireless network at your home or business.
9. Don't store passwords with laptop or mobile devices
10. Using cloud is a viable backup option.





WHAT'S THE DIFFERENCE BETWEEN PRIVATE AND PERSONAL INFORMATION



PRIVATE

THE INFORMATION THAT USERS WISHES
TO KEEP FROM PUBLIC VIEWING

UNSAFE



FULL NAME
POSTAL ADDRESS
NAME OF SCHOOL

PASSWORDS
PHONE NUMBER
EMAIL ADDRESS

CREDIT CARD
NUMBER
YOUR PARENTS
PLACE OF WORK
SOCIAL SECURITY
NUMBER



PERSONAL

THIS INCLUDES A BROAD RANGE OF
INFORMATION THAT COULD
IDENTIFY AN INDIVIDUAL

SAFE



YOUR AGE
YOUR GENDER
SIBLINGS

FAVORITE BAND
FAVORITE FOOD
PETS

YOUR OPINION ABOUT
AN IMPORTANT
ISSUE
THE NAME OF FRIENDS



Social Problems

High rate of unemployment

Bad social skills

It can be dangerous and destructive

The lack of privacy

Personal Problems

Isolation

Depression and anxiety

Reduced physical activity

Bad posture and eyesight

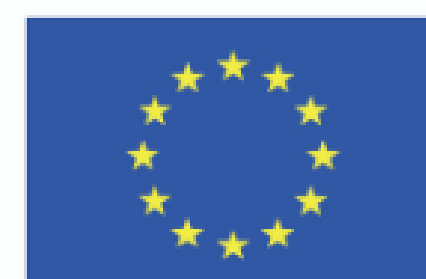
THE BAD SIDE OF THE TECHNOLOGICAL DEVELOPMENT



POZITIVASAMOBOR
Udruga za održivi razvoj



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OVERSHARING

is when you provide more personal information than is actually necessary

Studies show that nearly 40 percent of internet users between the ages of 18-35 have regretted posting personal information about themselves.

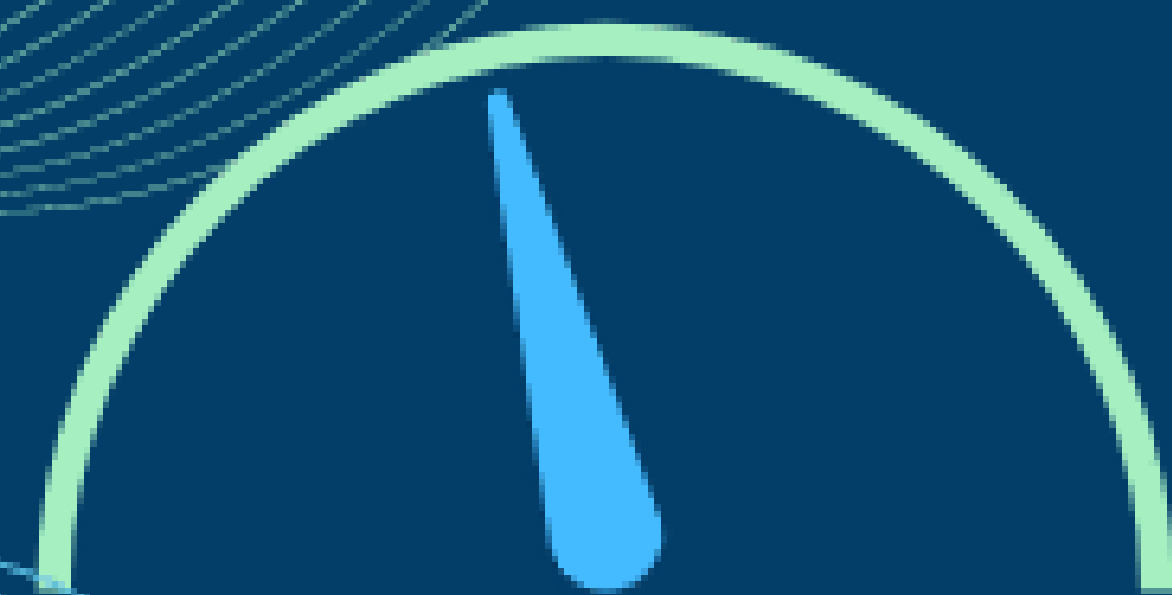
The good news is you can greatly control the amount of information you share online by taking back control of your privacy and your online reputation



INTELLIGENT VEHICLES

An intelligent vehicle could be defined as a vehicle that is capable of taking information about its state and/or the environment, processing that information, and making decisions, providing information, and/or acting.

Vehicle intelligence is the application of sensors, mechatronics and artificial intelligence (AI) to enhance vehicles or make them fully autonomous driverless cars. Vehicle intelligence enhances driving safety and increases engine performance efficiency.



OF GLOBAL ELICTRIC
VHICLES SALES HAS
INCREASED 43% IN 2020
ALONE.



0.4% OF CARES OWNED
IN THE WORLD ARE
ELECTRICAL



ONLINE REPUTATION

Also known as *E-Reputation*, *Online Reputation* depicts the reputation of a company, person, product, service or any other element on the Internet and digital platforms.

For both individuals and businesses, a positive online reputation encourages awareness, credibility, and trust. Henceforth, businesses that develop a strong reputation experience an **increase in sales and revenue**.

The harm of bad reputation affects a wide range of services and individuals. For example, an inadequate e-reputation can result in a loss of relationships, lack of opportunities, and even business failure.

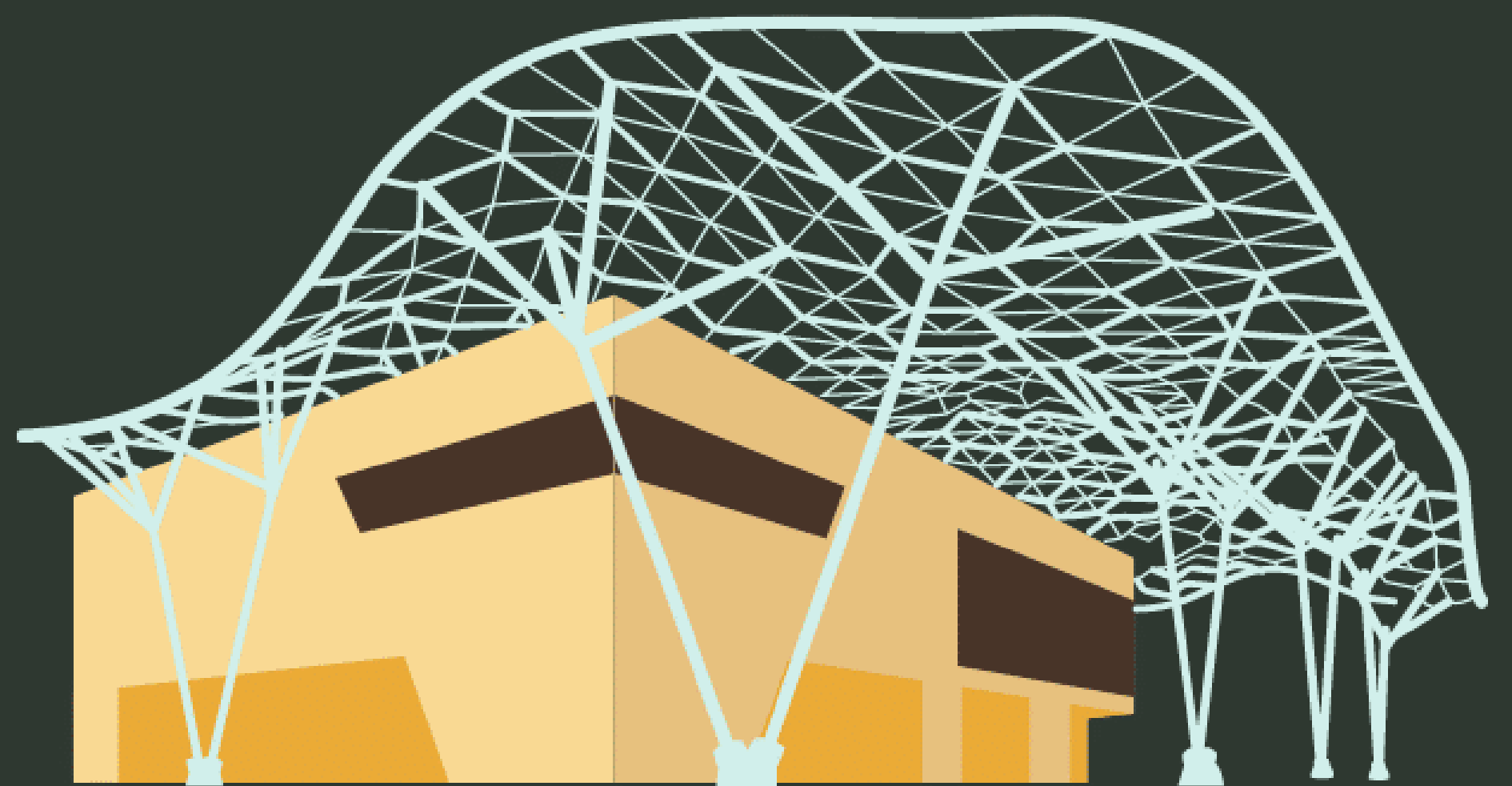
IT STARTS AT HOME.

SMART CITY

A smart city is a technologically modern urban area that uses different types of electronic methods, voice activation methods, and sensors to collect specific data.

ADVANTAGES

- Better transportation services
- Safer communication
- Efficient public services
- Reducet environmental footprint
- More digital equity
- Economic development opportunities
- Improvement of infrastructure
- Job opportunities
- Decrease of crime

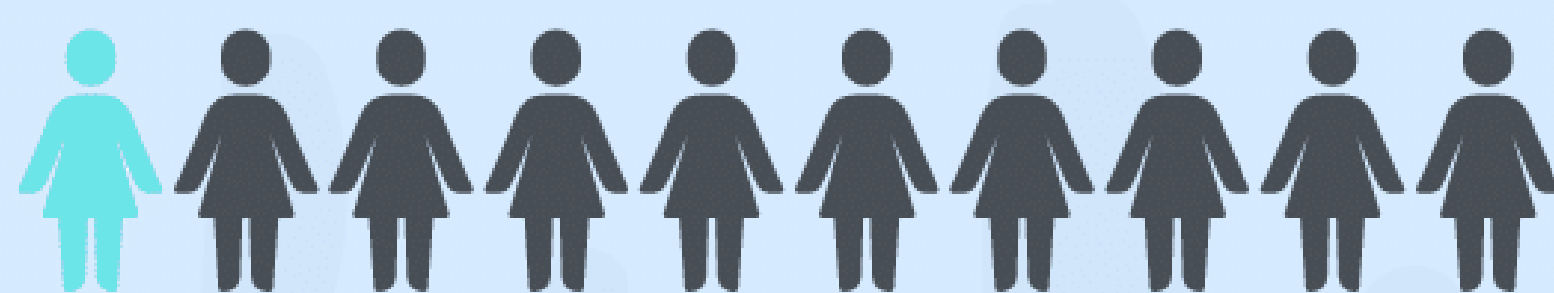


DISADVANTAGES

- limited privacy
- Social control
- Excess network trust
- Difficulty in the pre-commerce stage
- Pre-training is required



CYBER BULLYING STOPS HERE



ONLY **1 OUT OF 10**
VICTIMS REPORT CYBER
BULLYING TO SOMEONE

BULLYING VICTIMS ARE **2 TO 9**
TIMES MORE LIKELY
TO CONSIDER
COMMITTING SUICIDE



GIRLS ARE ABOUT **TWICE**
AS LIKELY AS BOYS TO BE
VICTIMS AND CRIMINALS
OF CYBER BULLYING



81% THINK BULLYING
ONLINE IS EASIER TO GET
AWAY WITH THAN WITH
BULLYING IN PERSON



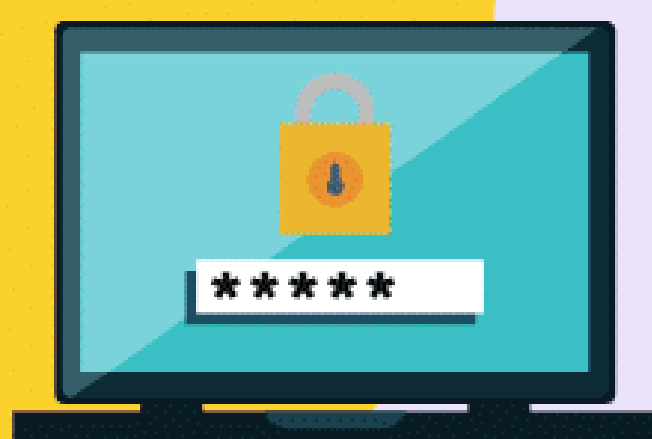
HOW TO BE INTERNET SAFE

INTERNET SAFETY RULES & WHAT NOT TO DO ONLINE



RULE #1

Keep Personal and Professional Information Limited



RULE #2

Keep Your Privacy Settings On

RULE #3

Practice Safe Browsing



RULE #4

Be Careful Who You Meet Online

RULE #5

Make Online Purchases From Secure Sites

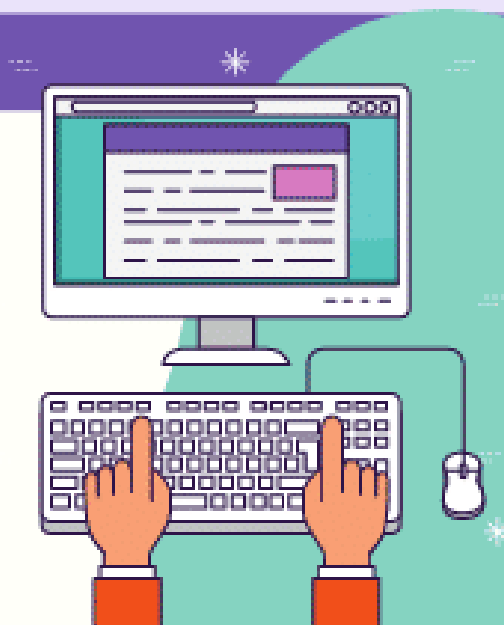


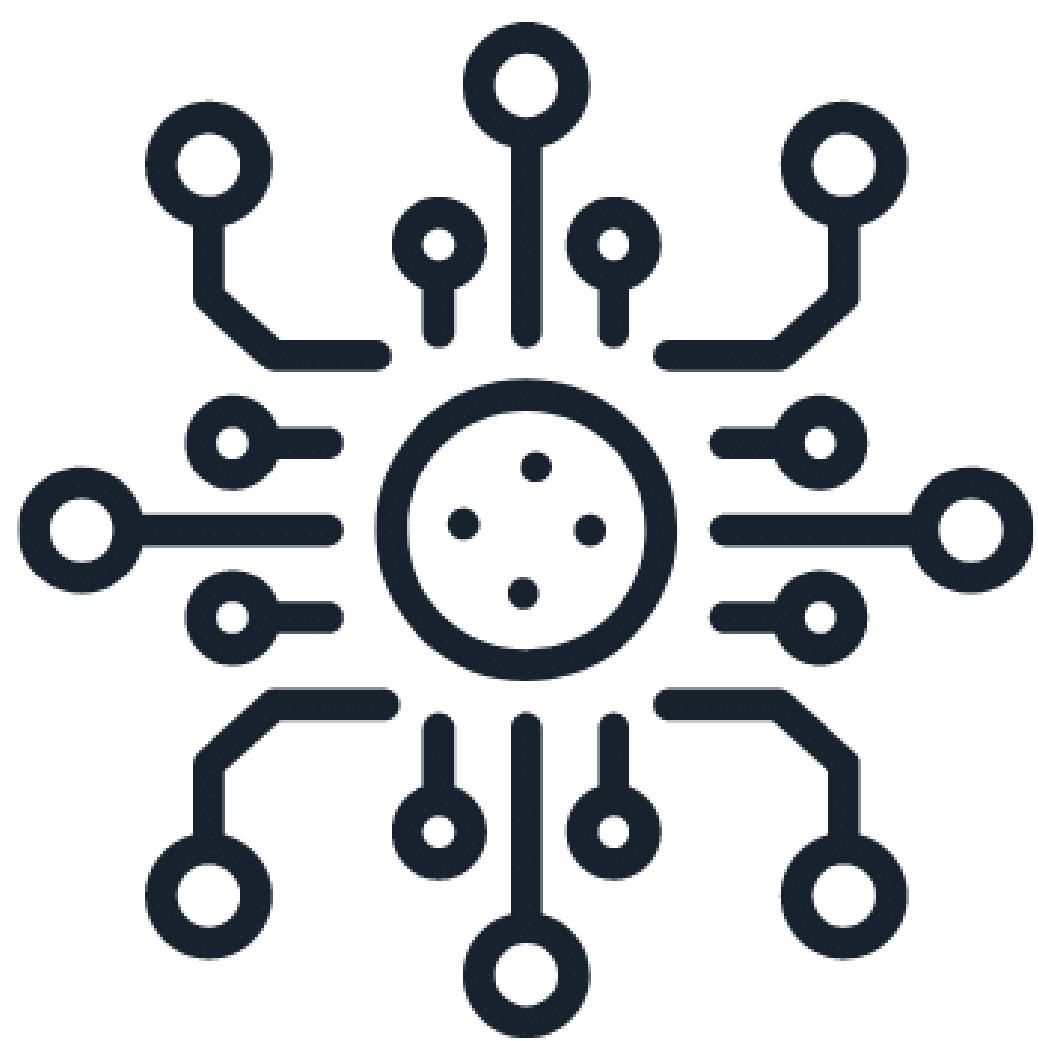
RULE #6

Keep Your Antivirus Program Up To Date

RULE #7

Make Sure Your Internet Connection is Secure. Use a Secure VPN Connection and strong passwords.



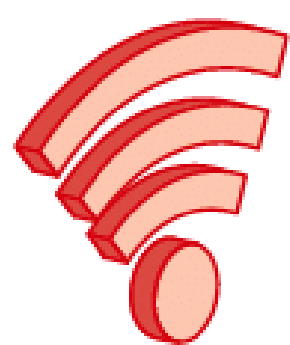


DIGITAL MONOPOLY

DIGITAL MONOPOLY

Digital Monopoly refers to the concept that Digital forms of media (particularly on the internet) are growing to replace all other forms of media. The differences in transparency and the advancing modalities of digital media allow them to become the dominating sources of information and entertainment.





THE FAKE NEWS PANDEMIC



“Alternative facts and fake news are just other names for propaganda”

Where does fake news come from?

These fake news articles tend to come from satirical news websites or individual websites with an incentive to propagate false information, either as clickbait or to serve a purpose.

There are more types of fake news.

Henceforth, there have been identified seven types of fake news, namely ***satire or parody, false connection, misleading content, false context, impostor content, manipulated content, fabricated content.***

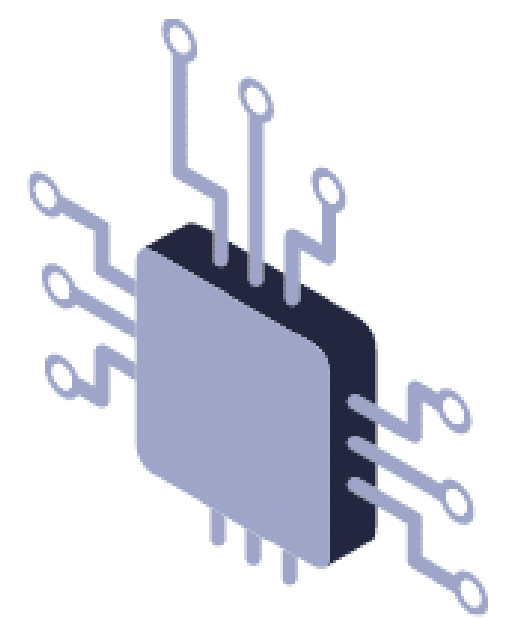
A number of specific aspects of fake news may help to identify it and thus avoid being unduly influenced.

These include: ***Clickbait, propaganda, satire/parody, sloppy journalism, misleading headings, manipulation, rumor mill, misinformation, media bias, audience bias, and content farms.***





DIGITAL SINGULARITY ON SHORT



In technology, the singularity describes a hypothetical future where technology growth is out of control and irreversible. These intelligent and powerful technologies will radically and unpredictably transform our reality.



Thus, it was theorized that
*“superintelligent machines are
feared to be too dumb to possess
commonsense”.*

MEDIA LITERACY

SEVEN THINGS TO CREATE A HEALTHY MEDIA LITERACY



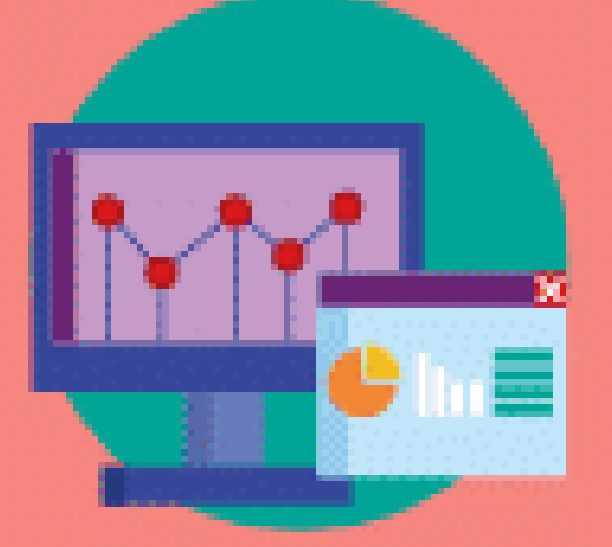
ANALYSIS

To break a topic or concept down into its parts in order to inspect and understand it.



EVALUATION

To systematic determination of a subject's merit, worth and significance.



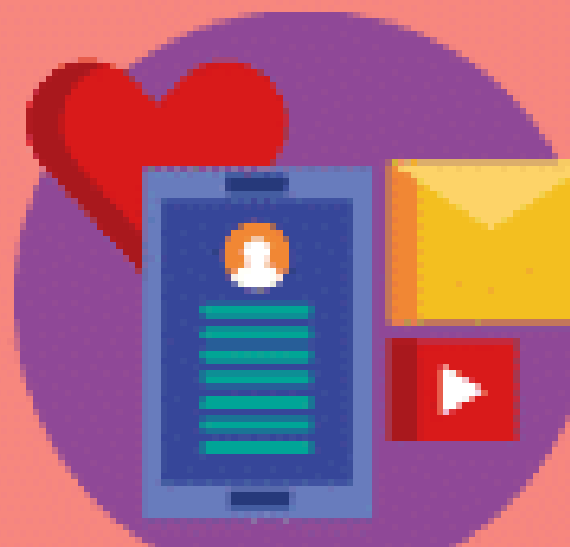
GROUPING

To break complex tasks into parts and steps. Plan and manage time. Refine understanding through discussion and explanation.



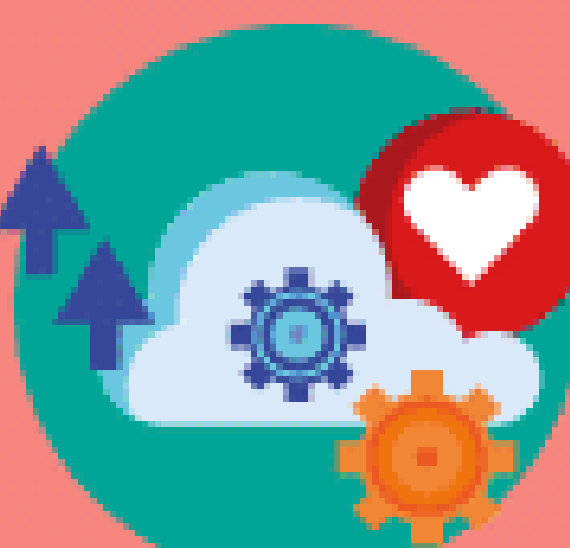
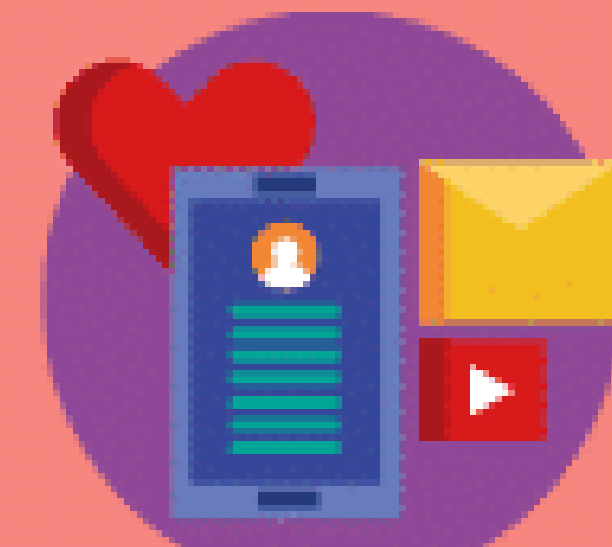
INDUCTION

Reasoning that moves from specific instances to a general conclusion.



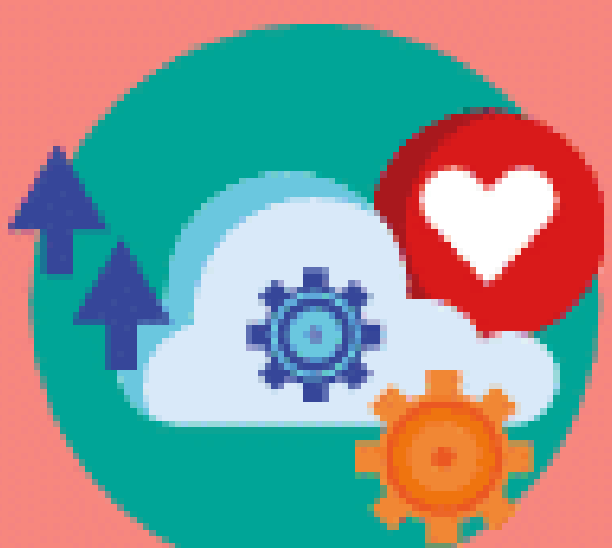
DEDUCTION

Using general principles to explain particulars.



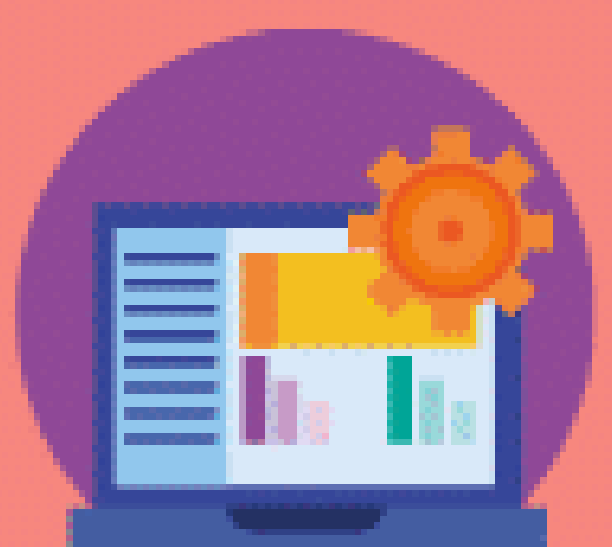
SYNTHESIS

Assembling elements into a new structure.



ABSTRACTING

Creating a brief, clear, and accurate description capturing the essence of a message in a smaller number of words than the message itself.





AUTOMATION OF JOB MARKET

About half the activities people are paid to do globally could theoretically be automated using currently demonstrated technologies. Very few occupations—less than 5 percent—consist of activities that can be fully automated.

However, in about 60 percent of occupations, at least one-third of the constituent activities could be automated, implying substantial workplace transformations and changes for all workers.



People Will Remain The Core
Of Business Operations

Human Connection Will
Become A Competitive
Advantage

Companies Will Go The Extra
Mile To Authentically
Connect

Automation Will Increase
Existing Skills Gaps



Certain Industries Will Be
Affected More Than Others

Emotional Intelligence Will
Become A Key Job Skill

Companies Will Strategically
Apply The 'Human Element'

Those Who Resist Will Be In
Danger Of Extinction

Jobs Will Be There For
Reskilled And Upskilled
Workers

Digital Entrepreneurship



What is Digital Entrepreneurship?

Digital entrepreneurship is a term that describes how entrepreneurship will change, as business and society continue to be transformed by digital technology.

What does a Digital Entrepreneur do?

A Digital entrepreneur is a person focused on creating new ventures by using existing digital technology or developing new ones with the purpose to sell digital products or services exclusively.



What are the benefits of Digital Entrepreneurship?

Some of the advantages of digital business include developing business activities, extend businesses by starting new ventures, improving business intelligence and communicating with large number of customers in less time. The growth of digital entrepreneurship can also lead to invention of new methods and technologies.



DIGITAL DEMOCRACY

Digital Democracy, also known as E-Democracy or Internet democracy, is the use of information and communication technology (ICT) in political and governance processes.

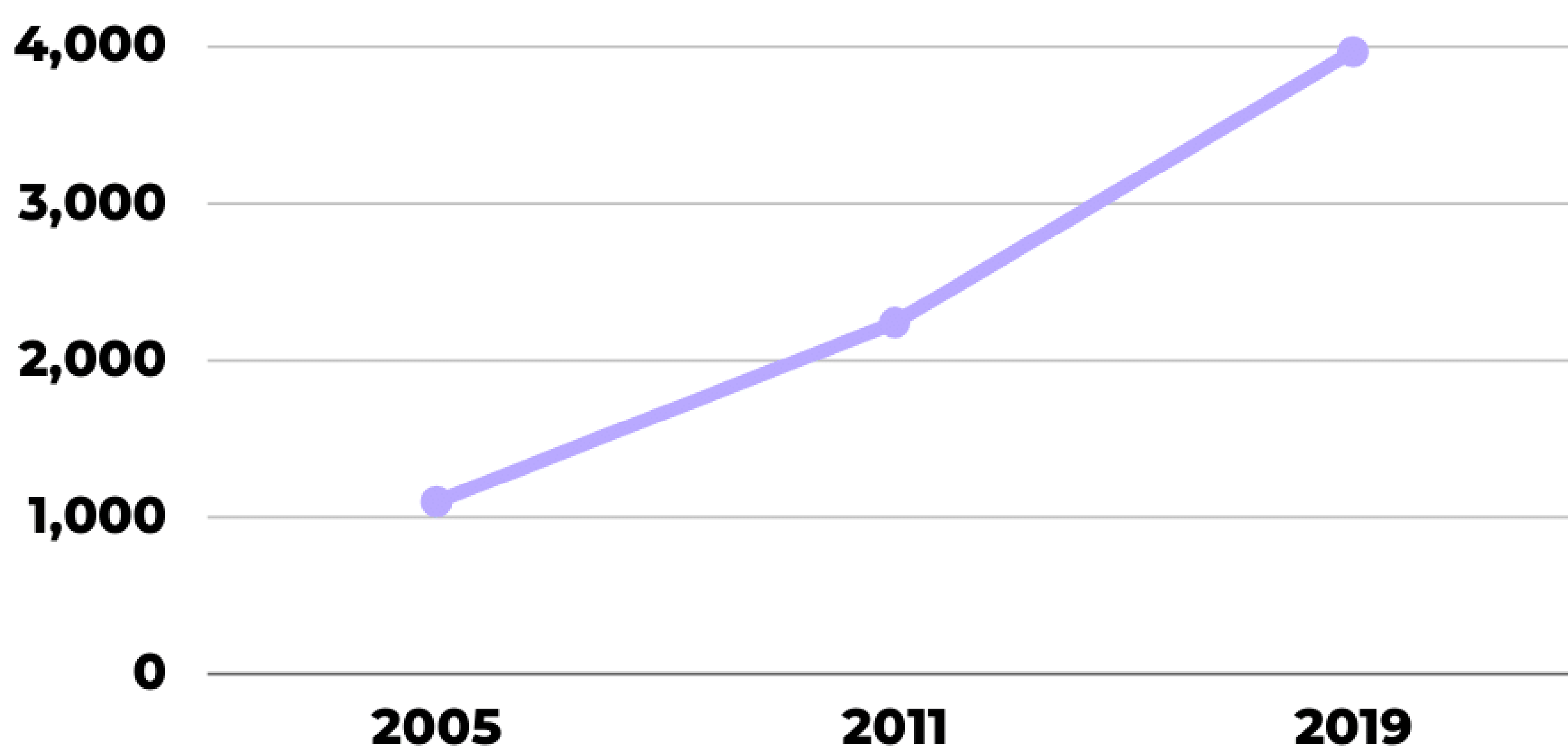
Electronic governance or e-governance is the application of IT for delivering government services, exchange of information, communication transactions, integration of various stand-alone systems between government to citizen (G2C), government-to-business (G2B), government-to-government (G2G), Government-to-employees (G2E) as well as back-office processes and interactions within the entire government framework.



Digital Footprint

Everyone leaves a digital footprint whenever they use the internet. There is growing concern regarding privacy and how it can be protected, but what are the exact numbers from privacy statistics?

Number of internet users worldwide from 2005 to 2019 (in billions):



44%

of people have experienced some form of harassment on the internet.

13%

of global internet users would be willing to share their contact details to avoid paying for content.



Younger adults between the ages of 16 and 24 are less careful with the information they divulge online than those aged 25 to 34.

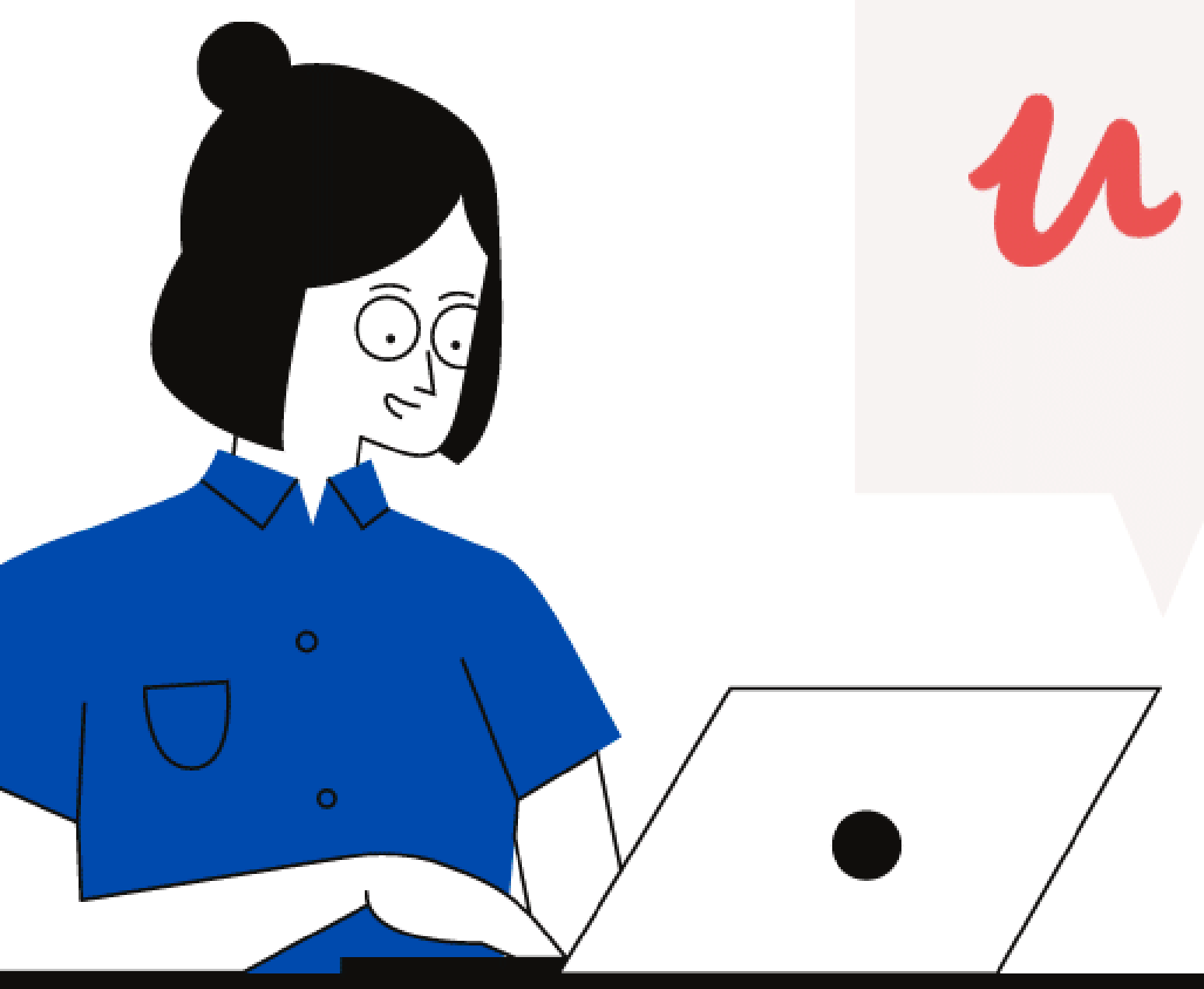
- **Passive DF** - a data trail that an individual involuntarily leave online
- **Active DF** - are deliberate, as they are posted or shared info willingly
- **Gen. Alpha** - the first generation that won't exist without the technology era
- **Cookies** - small blocks of data created by a web server
- **Digital identity** - information on an entity used by computer systems to represent an external agent

79%

of internet users around the world feel they have completely lost control over their personal data.

WHERE TO SPEND TIME ON INTERNET

Useful platforms to use in order to develop your skills while browsing the internet

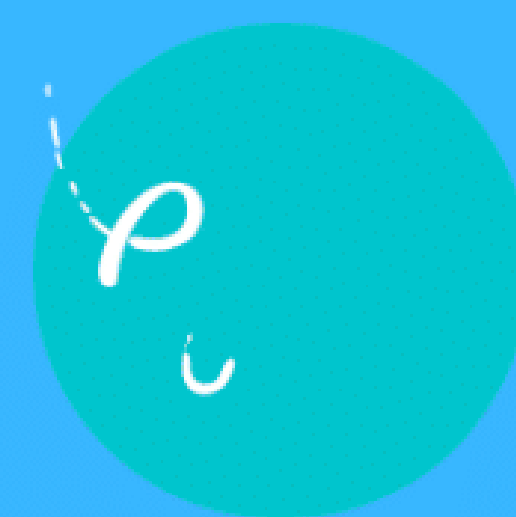


Udemy

a platform that allows instructors to build online courses on their preferred topics - they can upload videos, PowerPoint presentations, PDFs, audio, ZIP files and live classes to create courses.

Canva

is a graphic design platform, used to create social media graphics, presentations, posters, documents and other visual content.



SkillShare

is an American online learning community for people who want to learn from educational videos.

Youtube

is an American online video sharing and social media platform owned by Google



VOX

is an American news and opinion website that is spreading and explaining information using interactive ways



E-HEALTH SYSTEM

WHAT IS E-HEALTH?

E-health is an emerging field in the intersection of medical informatics, public health and business, referring to health services and information delivered or enhanced through the Internet and related technologies.

DIGITAL HEALTH SERVICES

Telehealth

Providing care at a distance means people in remote areas with limited access to healthcare can get the medical attention they need.

Apps

Having mobile apps dedicated to health turns our smartphones into personal trainers, sleep monitors, diagnostic devices and more, with apps for both healthcare professionals and patients.

E-Health record

Having a digital health record means information can be stored in one place but be available anywhere, so patients can share it safely and healthcare staff can access it at any time.

Wearable technology

The well-known term wearables, includes smart clothing and accessories such as wristbands, glasses and watches to monitor and collect information on our health and physical condition.

NEW TECHNOLOGIES

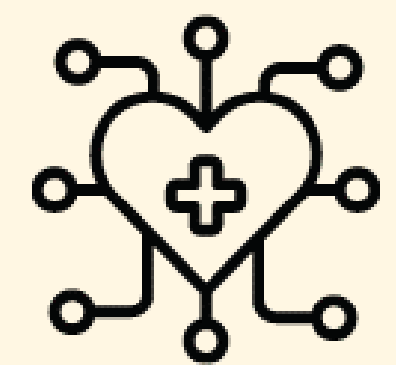
- **Big data** - Using big data to perform macro data analysis allows for tailored treatments and helps to detect the risk factors and potential side effects of drugs.

- **Artificial Intelligence** - Artificial intelligence can help healthcare professionals to make wiser decisions and deliver better treatments.

BENEFITS OF E-HEALTH?

Improved patient monitoring

Communication is easier with this new digital channel, helping to bridge the gap between doctors and patients.



More informed patients

As patients, we can make better health decisions when we understand them and have the power to manage their own health.



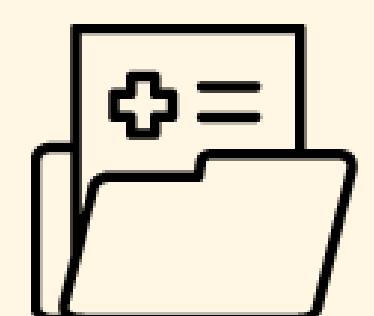
Encouraging healthier habits

New technologies are changing the way we look after ourselves with apps and devices that keep track of what we eat, how much exercise we do, how long or soundly we sleep and how fast our heart rate is.



Easier decision-making for healthcare staff

eHealth is also transforming the way professionals deal with disease. ICTs can help, for instance, to identify optimal treatments more easily or detect illnesses at an early stage.



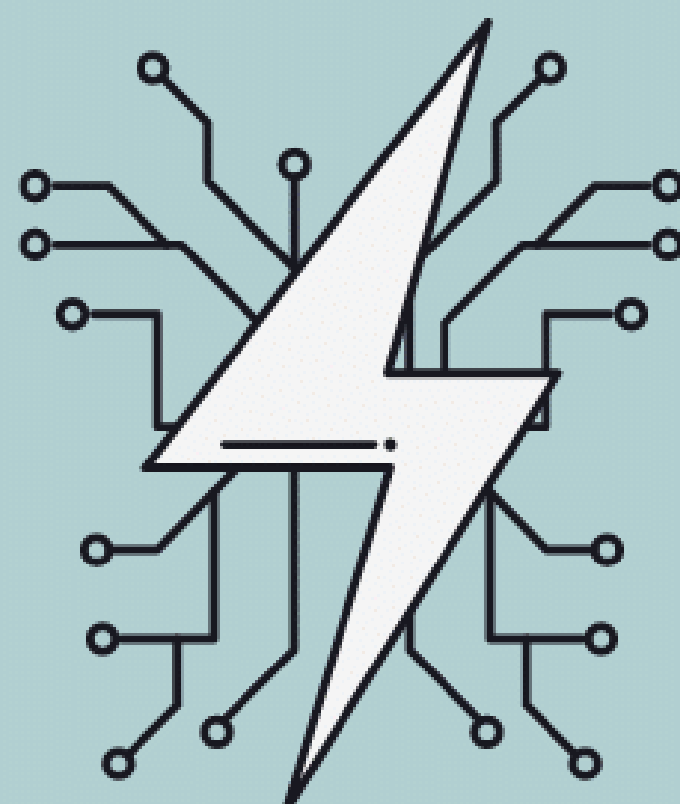
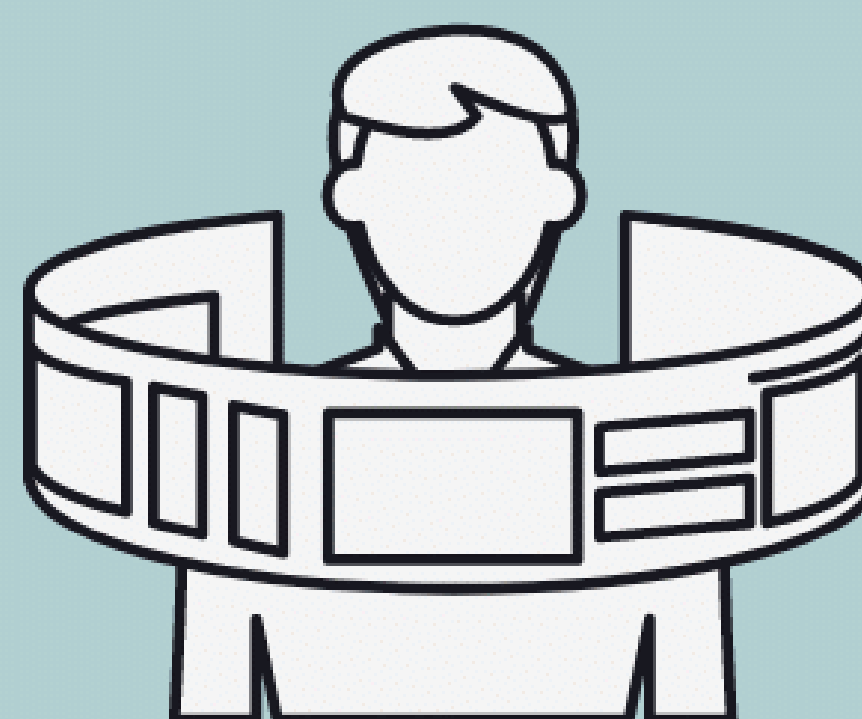
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Predictions in technological development

WAYS TECHNOLOGY COULD CHANGE THE WORLD BY 2025

AI-OPTIMIZED MANUFACTURING

Companies that design and build products will rapidly adopt cloud-based technologies to aggregate, intelligently transform, and contextually present product and process data from manufacturing lines throughout their supply chains.

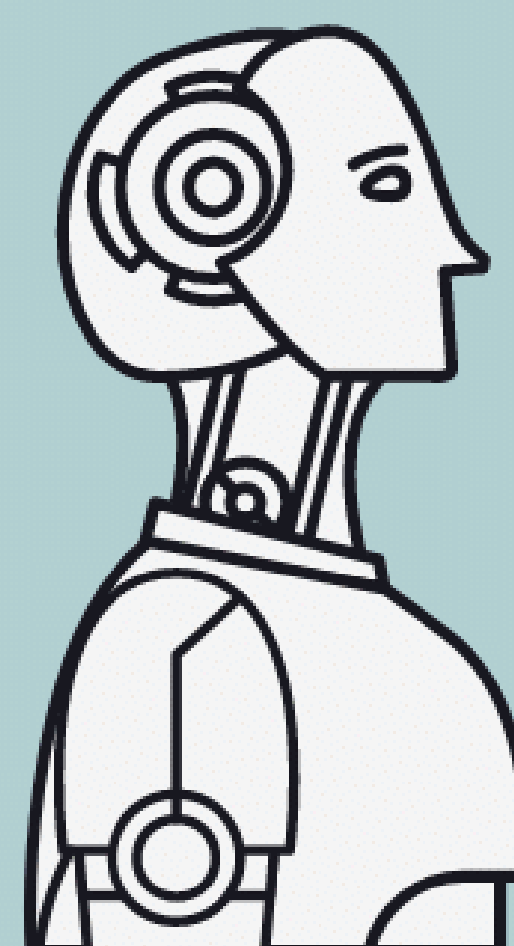


A FAR-REACHING ENERGY TRANSFORMATION

Public attention will drive government policy and behavioural changes, with carbon footprints becoming a subject of worldwide scrutiny. Individuals, companies and countries will seek the quickest and most affordable ways to achieve net-zero – the elimination of their carbon footprint.

ROBOTIC RETAIL

With the use of a new robotics application called 'microfulfillment', Grocery retailing will no longer look the same. The use of robotics downstream at a 'hyper local' level (as opposed to the traditional upstream application in the supply chain) will disrupt this 100-year-old, \$5 trillion industry and all its stakeholders will experience significant change.





Youth Eurasia is youth organisation that carries out youth work activities for positive changes. Youth Eurasia has focus on intercultural learning, environmental education, social peace, equality, personal development, innovation, communication, employability, sustainability, active citizenship, solidarity, democracy policies, human rights, social inclusion, and many other issues that are crucial among youth.

youtheurasia.org

