

BARD or ChatGpt???? 

The Future is Here: Augmented Reality and Virtual Reality

Stuff from wire and soft plastic



SALE

Cybercrime & Cybersecurity

A new study finds that AI can be used to predict the risk of heart attack and stroke

COVERED

Cybersecurity in the Age of Advanced Technologies

Tech Unleashed: The Revolution of AI and Cybersecurity



xc

TECH

AI Revolution: Transforming Industries from the Ground Up

The Cybersecurity Arms Race: Staying Ahead of the Game



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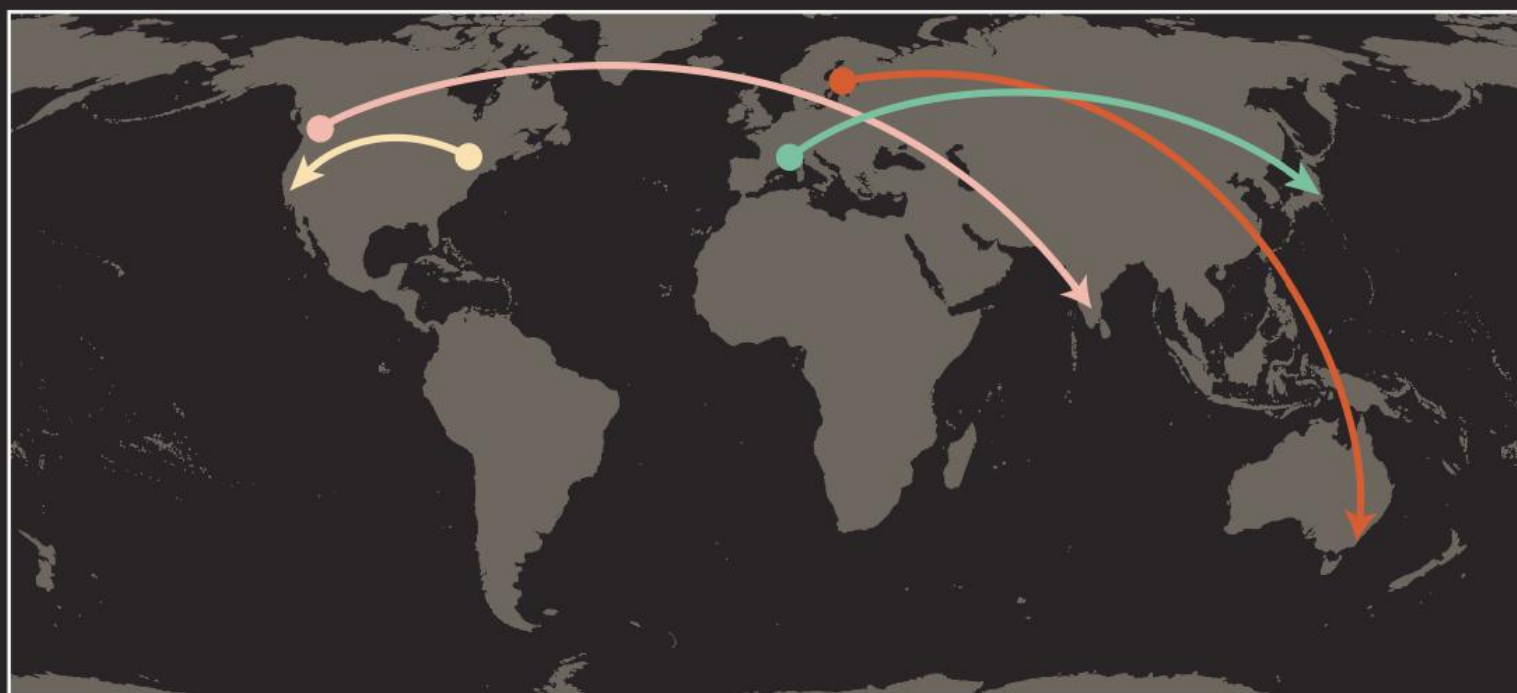
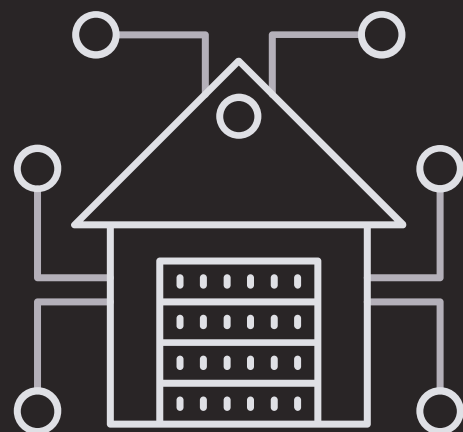
23

Bio Weapons



How Internet Works

When you visit a website, the web server hosting that site could be anywhere in the world. In order for you to find the location of the web server, your browser will first connect to a Domain Name System (DNS) server.



On this page you can see examples that demonstrate how the web server that hosts the website you are visiting can be anywhere in the world. It is the DNS servers that tell your browser how to find the website.

- A user in Barcelona visits `sony.jp` in Tokyo
- A user in New York visits `google.com` in San Francisco
- A user in Stockholm visits `qantas.com.au` in Sydney
- A user in Vancouver visits `airindia.in` in Bangalore

Japan recently set a Record for World's Fastest Internet at speed of 319 TBps

This means you can download 50000 movie per second. 😄😄



1

When you connect to the web, you do so via an Internet Service Provider (ISP). You type a domain name or web address into your browser to visit a site; for example: google.com, bbc.co.uk, microsoft.com.



2

Your computer contacts a network of servers called Domain Name System (DNS) servers. These act like phone books; they tell your computer the IP address associated with the requested domain name. An IP address is a number of up to 12 digits separated by periods / full stops. Every device connected to the web has a unique IP address; it is like the phone number for that computer.



3

The unique number that the DNS server returns to your computer allows your browser to contact the web server that hosts the website you requested. A web server is a computer that is constantly connected to the web, and is set up especially to send web pages to users.



Cambridge

LONDON

PARIS



4

The web server then sends the page you requested back to your web browser.

5G and Future of Connectivity

5G BENEFITS

"Faster speeds, lower latency, increased capacity, IoT connectivity, and enabling transformative technologies like autonomous vehicles."



1GB/s

FASTER

5G is faster due to its use of higher radio frequencies and advanced network technologies for efficient data transmission.



1GB/s

EFFICIENT

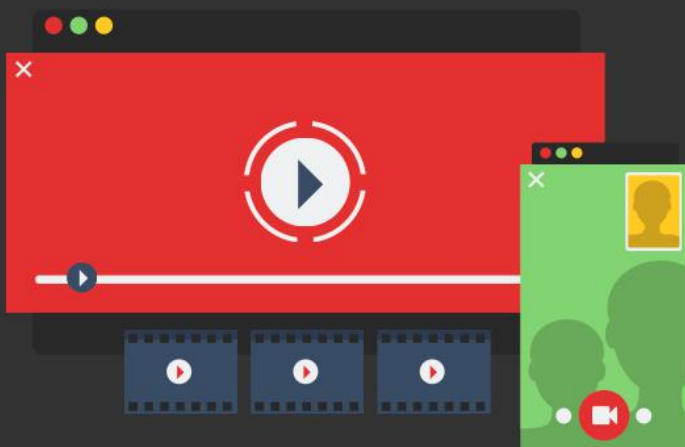
5G is efficient with advanced tech like MIMO, beamforming, and slicing, optimizing spectrum, capacity, and energy consumption.



1GB/s

POWERFUL

5G is powerful with its high speeds, low latency, massive connectivity, and ability to support transformative technologies.



BUSINESS

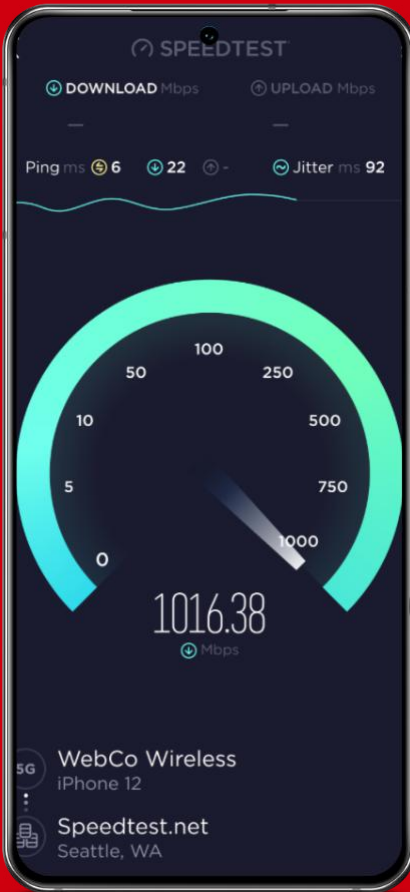
5G is useful in business for enabling real-time communication, enhancing IoT connectivity, supporting remote work, and driving innovation.



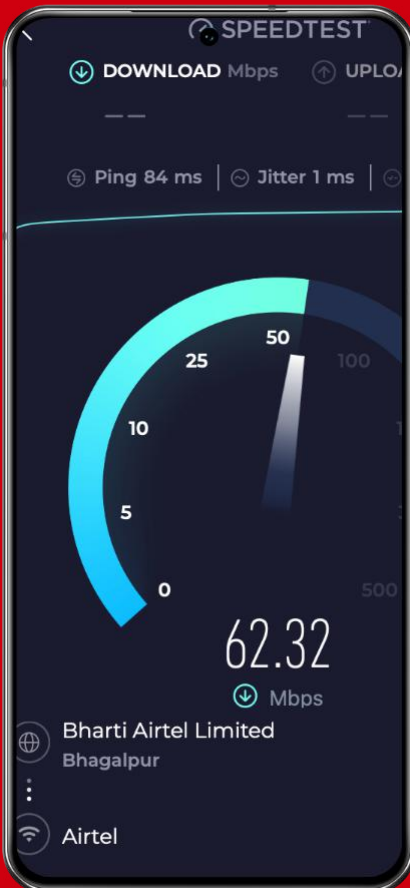
ENTERTAINMENT

5G is useful in entertainment for enabling high-quality streaming, immersive virtual reality experiences, and interactive gaming with low latency.

BATTERY LIFE AND CHARGING



5g

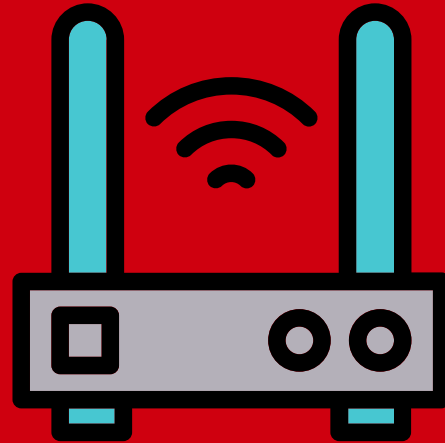


4g

5G AND 4G



Battery life of low-power devices will increase by up to 10 years due to IoT device performance



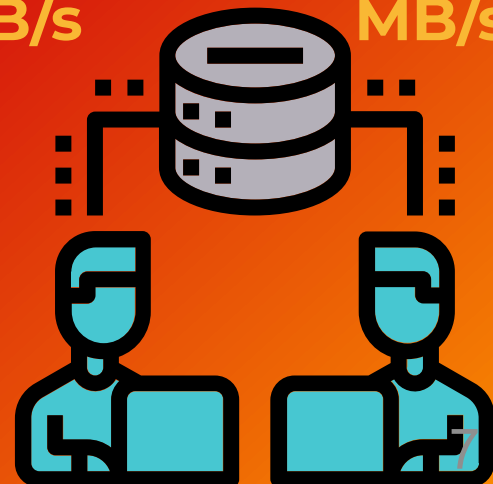
SPEED CHOICES

5G can go max upto

10,000 MB/s

4G can go max upto

100 MB/s



Internet Safety for every Children OR PRIVACY



Log Out at all times

Just as your mom advises you to lock your room when you go out for a play or to buy something, **instruct yourself to log out of social media sites** when they're finished.



Take note of what you download

When you download and install applications, certain programs gain almost **complete control** over your computer.



Keep their information confidential

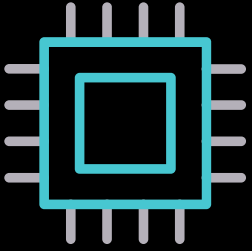
At any age, there's no need to post a child's personal details online. Both **YouTube and Apple** advise parents not to create accounts for children under the age of 13.



The Internet is a massive place. It's really difficult to track your information once it's out there.



Be aware of what you share on the Internet

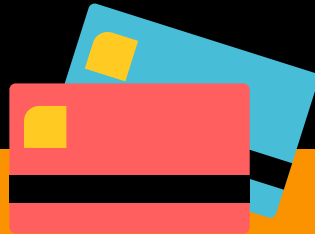


2FA

Enable Two-Factor
Authentication



Don't connect
to public WiFi

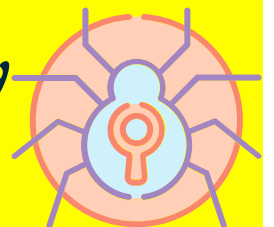


Use VPN to
stay
Anonymous

Always store
your data in
cloud



Update
passwords regularly



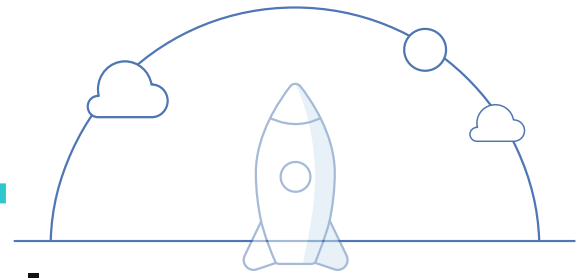
Invest in a good
Antivirus



Cyber Attacks

Digital Protection in Today's World

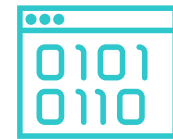
Securing digital systems, networks, and data from cyber threats is called Cybersecurity



Malware



DDoS



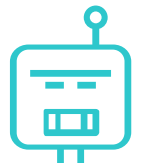
Phishing



SQL Injection Attacks

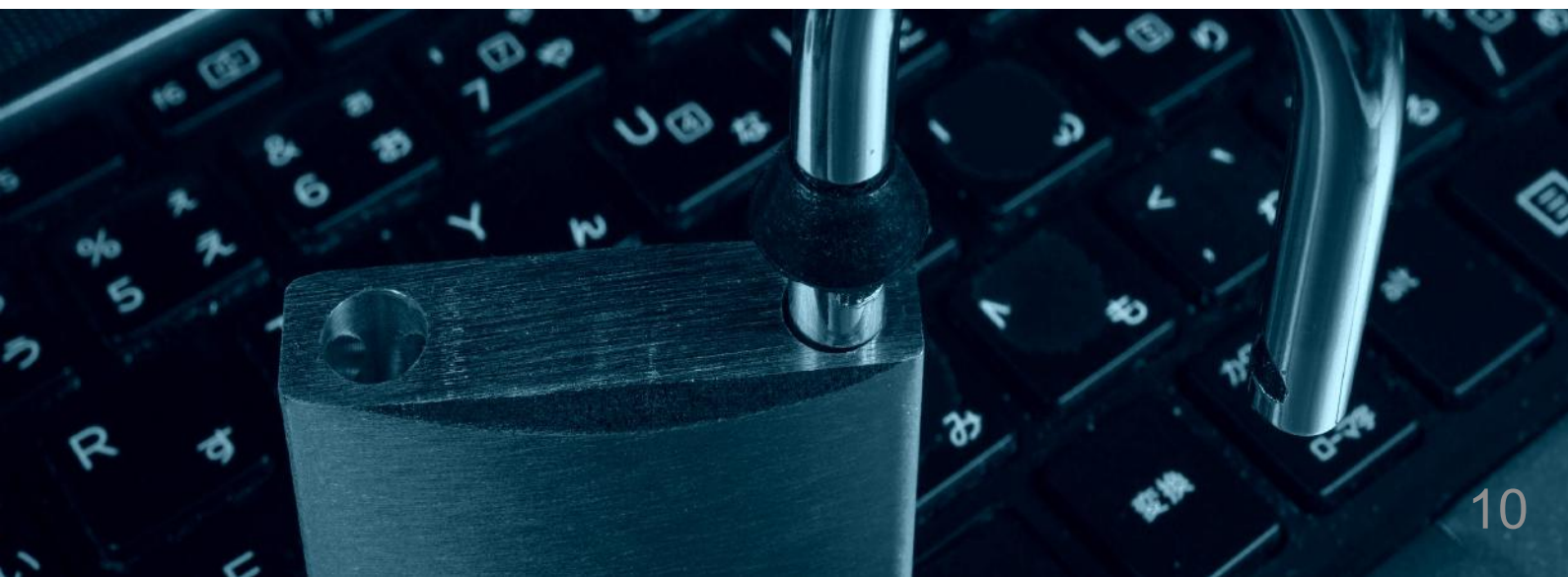


XSS



Botnets

VIRUSES



Cybersecurity Best Practices: How to Secure Your Data

Cybersecurity isn't a simple two-step or three-step process. A combination of best practices and defensive cybersecurity approaches is used to protect your data.



Antivirus Software

Antivirus software detects and removes viruses on your computer, much like Vitamin C does when harmful substances enter your immune system.



Firewall

A firewall is a digital barrier that protects your computer from dangerous users and malware.



SSO

SSO (single sign-on) is a centralized authentication solution that allows users to access a whole platform of accounts and applications with just one login.



2FA

Two-factor authentication (2FA) is a login method that necessitates the use of a username or pin number as well as access to an external device or account, such as an email address, phone number, or security software.

ETHICAL HACKER

For a better future!



Ethical hackers use the same techniques and tools as malicious hackers (also known as black hat hackers), but do so in a lawful and legitimate manner to assess the security posture of a target system(s). This assessment is carried out with the full knowledge and consent of the system's owners or administrators, with the intent of finding and fixing vulnerabilities rather than exploiting them.

SUMMARY



White Hat

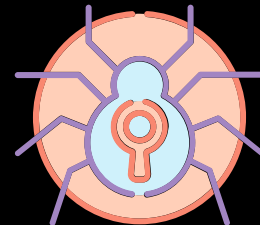
Ethical

CATALOG

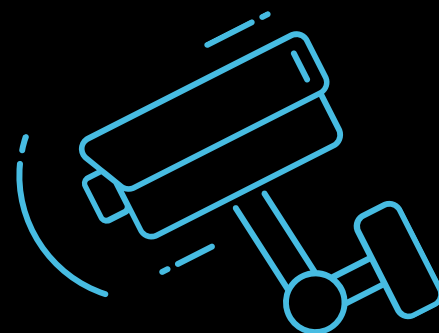
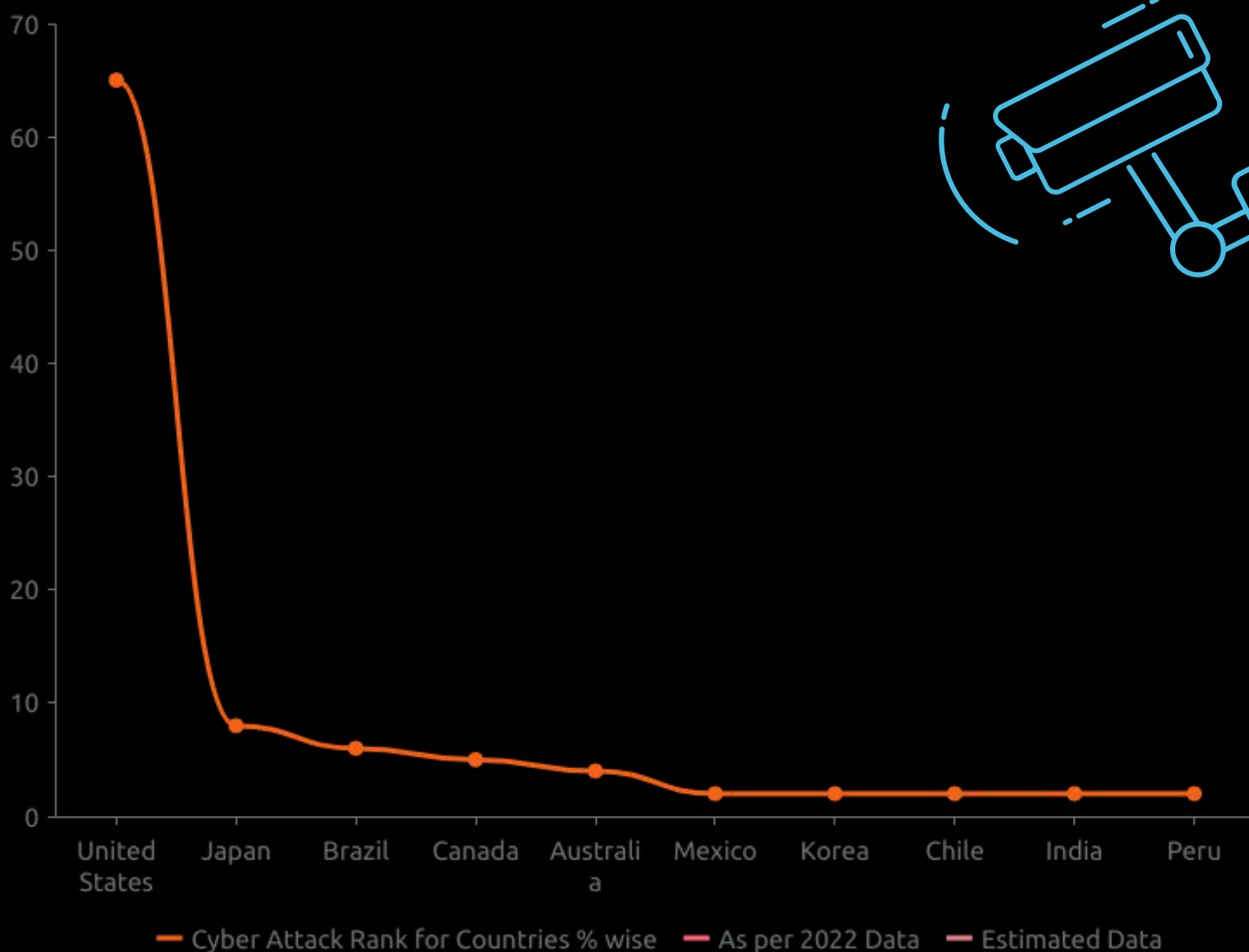
SO WHAT DO A ETHICAL HACKER DO

An ethical hacker, also known as a white hat hacker, is a computer and network expert who systematically attempts to penetrate a computer system, network, application, or other computing resource on behalf of its owners - and with their full permission - to find security vulnerabilities that a malicious hacker could potentially exploit.

Why Should You Be Concerned About your security on Internet?



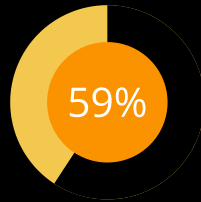
Over 4 billion records were exposed in data breaches in the first half of 2030. Furthermore, according to a recent study, hackers attack every 39 seconds, amounting to 2,244 attacks per day on average.



From September to November 2022, 65 percent of detected cyber attacks worldwide targeted organizations in the United States, a significant difference from second-ranked Japan, which was targeted by around eight percent of the attacks. Brazil ranked third, with six percent. During the measured period, a smaller share of cyber attacks was focused on Chile, India, and Peru.



Over



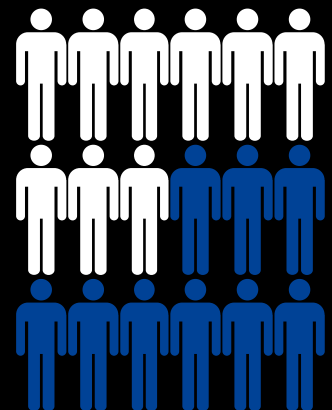
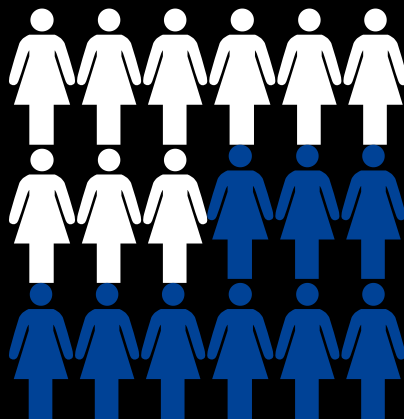
of US teens
have experienced
cyberbullying



36 adolescents from grade 10



4 Focus Groups (9 people each)



18 (Girls & Boys)

Interviews were conducted in the presence of an experienced psychologist. Each focus group was gender exclusive (Two focus groups for boys and two for girls).



WHAT IS DARKWEB & DEEPWEB?

1

DarkWeb

The darkweb is an encrypted, anonymous section of the internet. The darkweb is a part of the internet that requires special software like Tor to access. It's heavily encrypted and anonymous, often used for activities that require privacy or secrecy, which includes both legal and illegal activities.

2

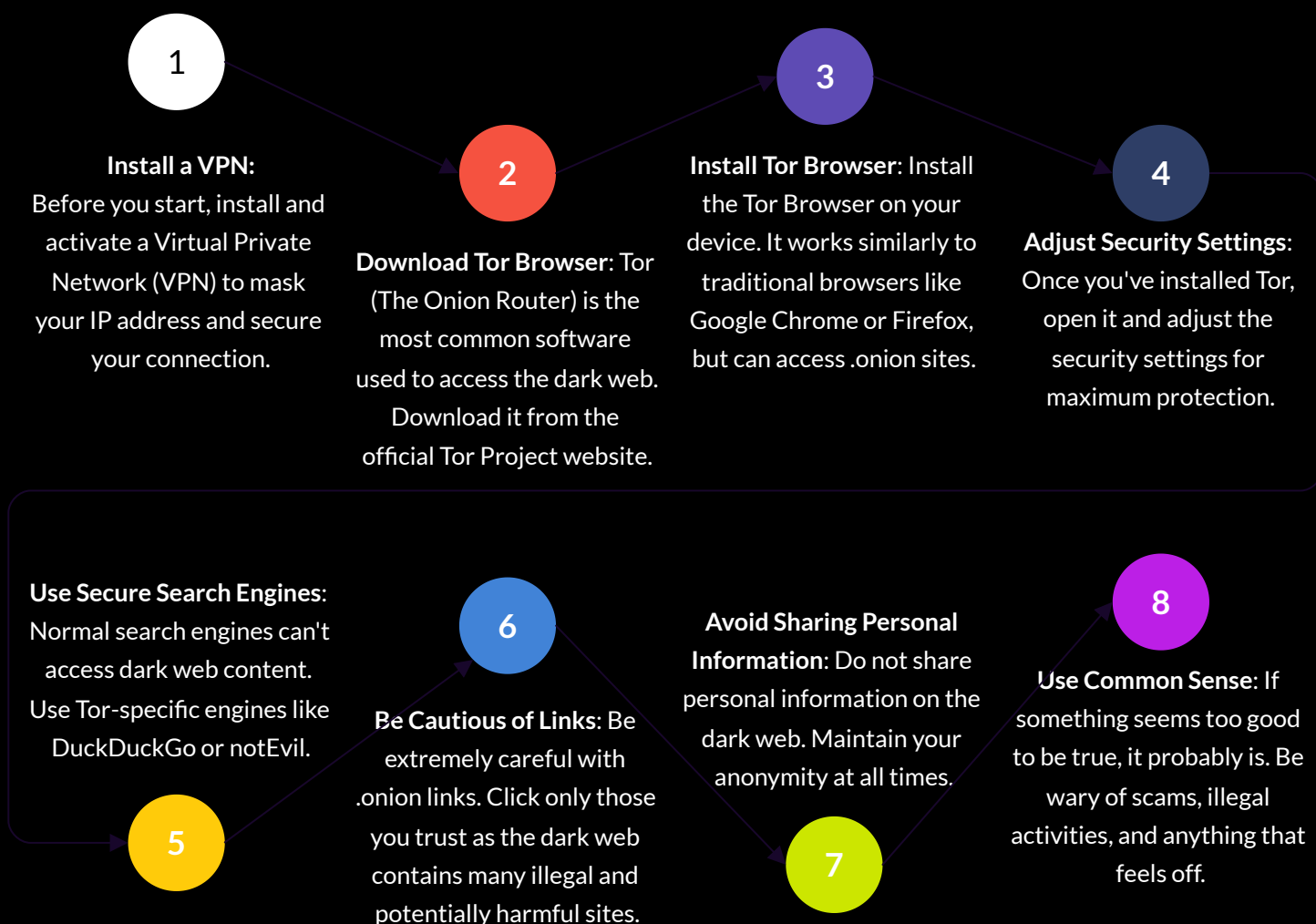
DeepWeb

The deep web comprises parts of the internet not indexed by regular search engines, like Google. This includes databases, private networks, email inboxes, password-protected websites, and other content requiring specific authorization or software to access. It's larger than the surface web, but mostly mundane and legal.





Accessing DeepWeb and DarkWeb



PIRATED FILES

Say no to Piracy!

Pirated files are unauthorized copies of copyrighted material such as music, movies, books, software, and games. The distribution and use of pirated files is illegal in most jurisdictions around the world and can lead to significant penalties.

In conclusion, while the internet has made it easier than ever to distribute pirated files, the practice is both illegal and unethical. It's always better to support the creators by obtaining content legally.



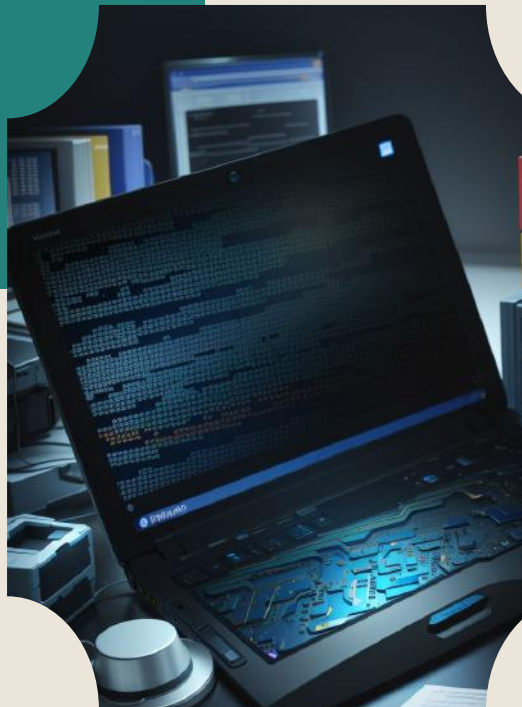
Few Points to be *Noted*

Copyright Infringement:

Piracy is essentially theft of intellectual property, a clear violation of copyright laws. Copyright gives the creator of an original work exclusive rights over that work, usually for a limited time. These rights include the right to reproduce or distribute copies of the work.

Ethics

Using pirated files is generally considered unethical, as it can harm creators by denying them the revenues they would otherwise earn from their work. This can discourage the creation of new works.



Support for Legitimate Content

By purchasing legitimate copies of copyrighted content, you're supporting the artists, writers, developers, and other professionals who put their time and effort into creating that content.

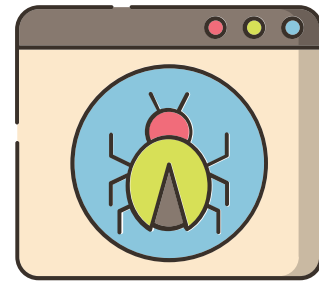


Introduction to Social Phishing

Social phishing is a type of online scam in which an attacker attempts to trick users into revealing sensitive information, such as login credentials, credit card numbers, or other private data. This is typically done by posing as a trustworthy entity, such as a friend, a reputable company, or a government agency, through electronic communication such as emails, text messages, or social media messages. The intent is to use this information to carry out malicious activities, which can include identity theft, unauthorized access to accounts, or fraudulent transactions.

To avoid falling victim to social phishing, individuals should be wary of unsolicited communications that request sensitive information, and always verify the identity of the sender before responding. It's also advisable to keep software and systems up to date with the latest security patches, and to use strong, unique passwords for all online accounts.

Types of Phishing



EMAIL PHISHING

The attacker sends out an email posing as a legitimate organization, such as a bank or an internet service provider, and includes a call to action that requires the recipient to reveal their sensitive information. For example, they might claim that the user's account is compromised and that they need to confirm their details to secure it.



SPEAR PHISHING

This is a targeted form of phishing where the attacker has researched their victim and customized their attack. The phishing communication will appear to come from someone the target knows or could plausibly receive a message from, making it more likely that the target will fall for the scam.



SMISHING AND VISHING

These are phishing attacks carried out via SMS (Smishing) or voice call (Vishing). The attacker might pretend to be a bank or a service provider and ask the recipient to confirm their details or perform a certain action.



WHALING

This type of phishing attack targets high-profile individuals like CEOs or other top executives. These attacks are usually sophisticated and highly personalized to the individual, often involving detailed knowledge about the person's professional role, responsibilities, and personal life.



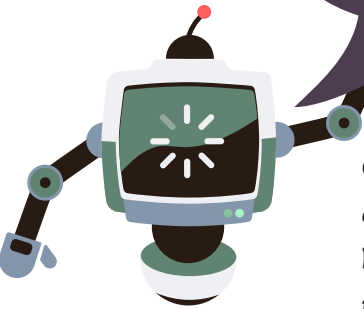
Blockchains and Cryptocurrencies



"I think cryptocurrency is
on the verge of
getting broad acceptance by
conventional finance
people"



Hey myself Volia! and
i will explain you what
cryptocurrency is???



Cryptocurrencies are digital currencies secured by cryptography, making them difficult to counterfeit. They are decentralized and not controlled by any central authority, making them immune to government interference. Transactions are recorded on a public database called a blockchain. Bitcoin, released in 2009, was the first decentralized cryptocurrency, followed by thousands of others. Cryptocurrencies enable secure online payments without intermediaries like banks. They can be traded and used for purchases, but risks include fraud and price volatility.

CRYPTO

HISTORY OF MONEY:

Journey from Barter to Crypto



9000 BC
Barter System

1200 BC
Cowry Shells



700 BC
Minted Coins

1870-1930
Gold Standard



1945-1971
Bretton Woods System

2009
Cryptocurrency



Thanks Volia!
Now i understood what
cryptocurrency is!!

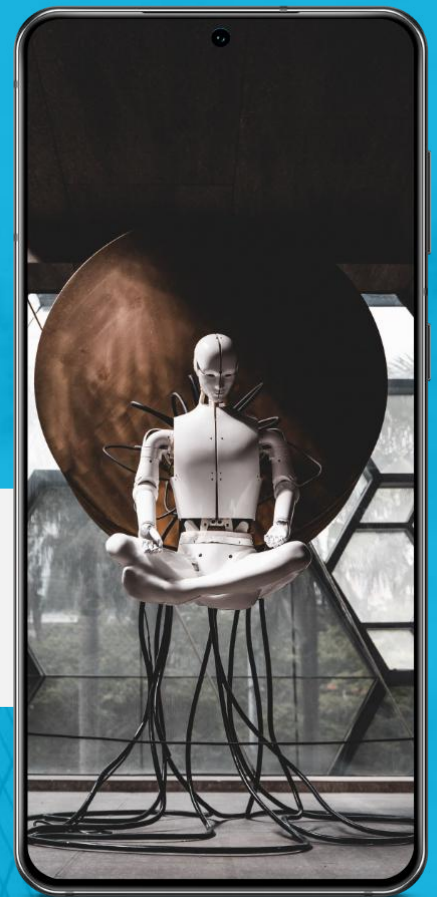


How the AI changed our lives, for better or for worse

"Artificial intelligence is the new electricity that will transform every industry, but we have to learn how to wield it responsibly and ethically to ensure it benefits all of humanity."



ChatGPT reached 100 million users in just two months after launching, while Google took over 10 years to reach the same number of users.



10 WAYS THE AI HAS CHANGED OUR LIVES

1 Enhanced Efficiency:

AI boosts productivity, automates tasks, saves costs across multiple industries.

2 Healthcare Advancements:

AI revolutionizes healthcare: faster diagnoses, personalized treatment, improved outcomes..

3 Smarter Personal Assistants:

Virtual assistants simplify lives, answer questions, control devices, provide convenience.

4 Autonomous Vehicles:

AI drives self-driving cars, reducing accidents, enhancing traffic flow, increasing accessibility.

5 Job Displacement:

AI automation displaces jobs but creates new opportunities in data science..

6 Personalized Recommendation

The AI algorithms analyze vast amounts of user data to provide personalized recommendations for products, services, and content.

7 Privacy and Ethical Complications

Google said The widespread use of AI has raised concerns about data privacy, security breaches, and potential biases in AI algorithms.

8 Natural Language Processing

AI has made significant advancements in natural language processing, enabling machines to understand and generate human language.

9 Scientific Breakthrough

AI has accelerated scientific research by analyzing large datasets and identifying patterns and correlations that might otherwise go unnoticed.

10 Deepfake and Misinformation

AI-powered technologies like deepfakes have the potential.

FACT VS. FICTION:

Artificial Intelligence

CHATGPT

"ChatGPT users are at the forefront of an era where human-AI collaboration is shaping the future of communication, knowledge sharing, and problem-solving. Together, we are exploring the vast possibilities of AI and unlocking new realms of creativity and understanding."

- Job Displacement:
- Scientific Breakthroughs
- Enhanced Efficiency
- And many more!

AI AND BIG DATA

In the age where millions of product searches and transactions are generated every day, It has become quite impossible for human beings to analyze this Big Data. Here is how our AI software helps to identify targeted customers and market your products



WHAT ABOUT PRIVACY?

Are your conversations being targeted for advertising?



REDUCTIONS IN JOBS

Contrary to widespread speculation that AI will cause job losses and increase unemployment, it introduces new jobs. Find out about the evolving nature of employment under modern technology. Presentation by Mr. Xavier on the third day at 2 p.m



FACT VS. FICTION

There is a lot an AI can do, but not everything. Learn about advances and limitations of AI use for marketing. Stay Updated!!!



What is AI Learning?

Learning with AI, or artificial intelligence, can be a highly rewarding experience. AI offers unique and innovative ways to support and enhance learning in various fields such as language learning, programming, mathematics, science, music, and more. Here are some ways you can learn with AI:

You Can learn with Ai

- Personalized Learning
- Online Tutors and Courses
- Adaptive Assessments
- Interactive Learning
- Learning Support
- Programming



Learn with AI

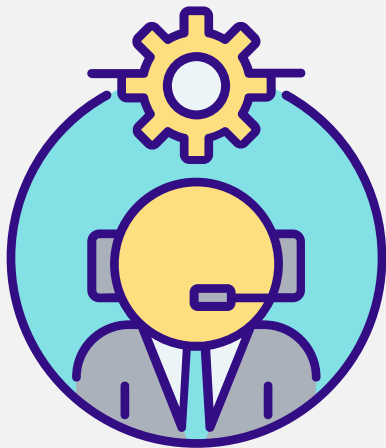
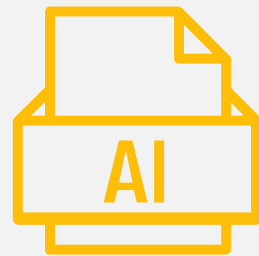
1. Artificial intelligence can be used to process and make decisions on a variety of tasks.
2. Artificial intelligence technology can be used to create and interpret text, images, and other forms of information.
3. Artificial intelligence technology can be used to create and interpret questions and queries from humans.
4. Artificial intelligence technology can be used to improve and personalize search results for a user.
5. Artificial intelligence technology can be used to create and interpret documents for a user.



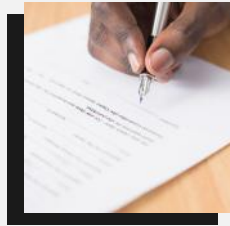
Best Regards,

AI





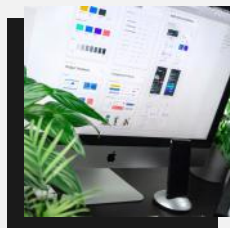
Best AI Tools



01

Text Writing

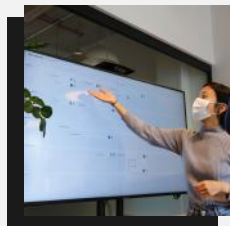
ChatGpt,Writesonic,Rytr



02

Designing

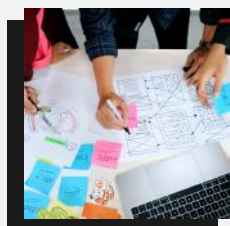
AdobeFirefly,Midjourney,
Leonardo.ai



03

Presentations

Gamma,Tome,SlidesAI

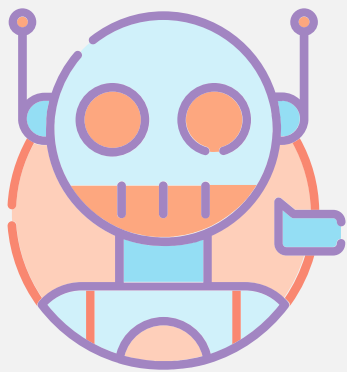
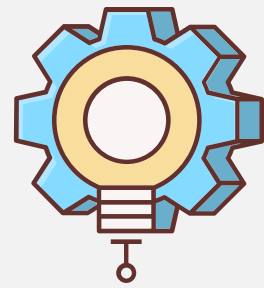


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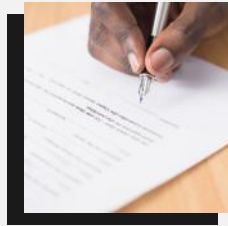
Research

Consensus,ChatPdf,SuperTools





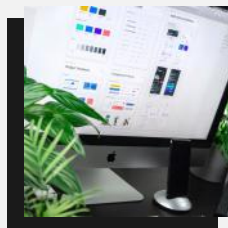
Best AI Tools



05

Productivity

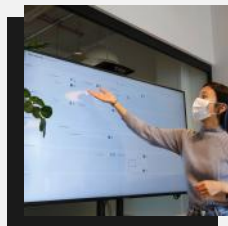
SheetAI,Futurepedia,
Noty.Ai.



06

ChatBot

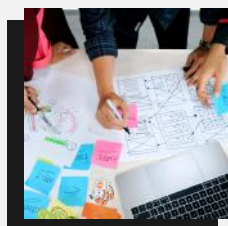
GoogleBard,Jasper,
Chatsonic



07

Marketing

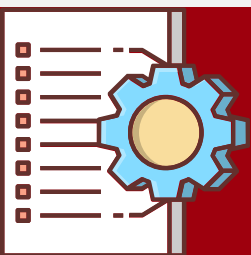
AdobeSensei,Unspam.email
Smartwriter



08

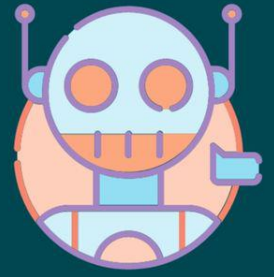
Deep Writing

Grammarly,QuillBot,Scalenut



the Right AI Tool

this year



ChatGPT is a newer, more capable Google chatbot. It is superior to Google Bard in several ways.

First, ChatGPT can hold a conversation better than Bard. It can keep track of information better and respond in a more natural way.

Second, ChatGPT can handle more complicated queries. It can understand questions with multiple clauses and respond accordingly.

Third, ChatGPT can generate results faster than Bard. This is due to its better understanding of language and its more powerful algorithms.

Overall, ChatGPT is the better chatbot and is the preferred choice for most users.

Chat GPT can

You should know the Capabilities of ChatGPT

- >Text generation
- >Conversation Ability
- >Learning from content
- >Content in Multiple languages
- >Follows Instructions



Dont's

DATA IS LIMITED TILL SEPTEMBER 2021

You Should know the limitations of ChatGPT

- >Understanding Semantics
- >Keyword Sensitivity
- >Lack of Consistency
- >Misinterpretation
- >Absence of Real-Time Learning



Google

Bard

PROS & CONS OF GOOGLE BARD



WHAT IS BARD?

The Google Bard is a term used to describe someone who is extremely skilled at using Google search to find information on the internet.

Bard Can Do

Generate Text

Translate Language

Answer Questions

Write and Debug Codes



WHAT IS SIGNIFICANCE?

Google bard is a new AI of Google that allows users to type questions or commands in natural language and receive results from the search engine. This feature is designed to make it easier for users to find the information they need without having to remember specific keywords or syntax.



Provide Real Time Updates

Summarize from Web

Fast

Image Prompted Response



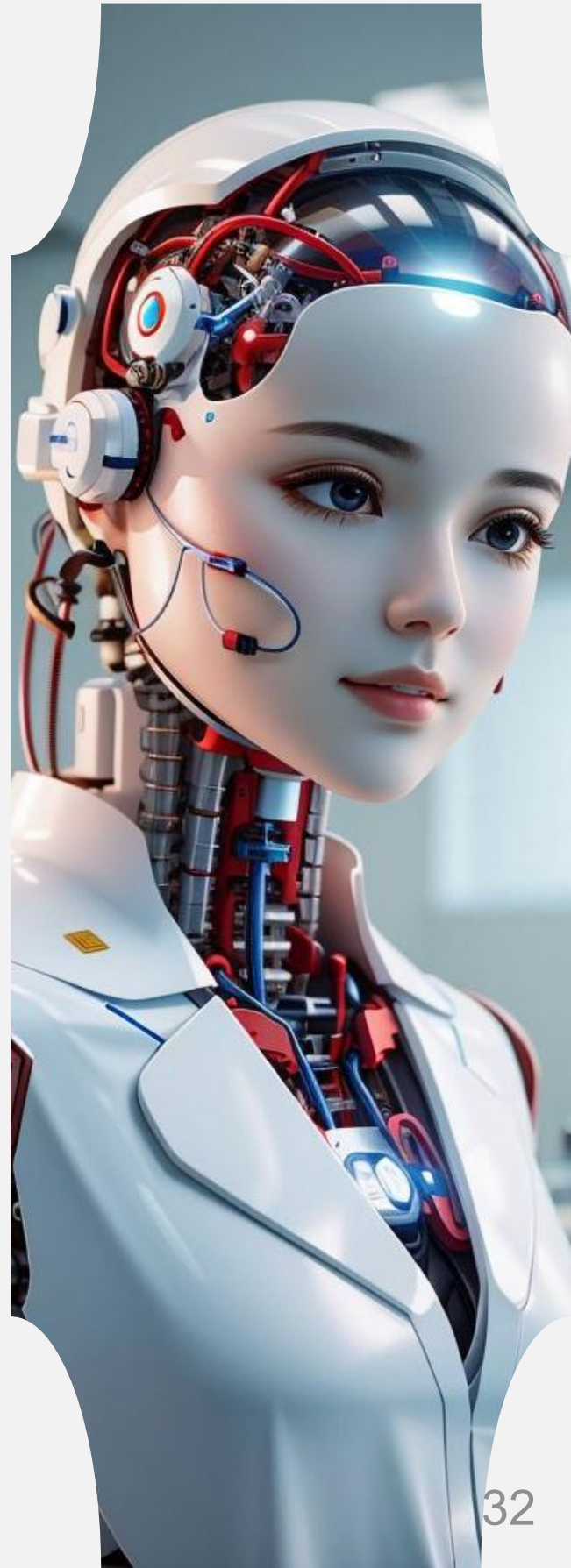
The Dynamics of Healthcare

With the advent of technology and its rapid development in the late 20th and the 21st century, healthcare has seen shifts and amendments like it never did before.

Better disease diagnoses methods were invented, a better pipeline for drug and vaccine discovery was formulated, epidemiological studies boomed and people started getting the healthcare services they deserve. Currently, we entered a further morphed form of healthcare, which somewhat is driven immensely by technology.

Let's consider an easy example, if you're wearing a fitness watch, you're probably tracking your blood pressure everyday. This could be helpful data in identifying trends in your blood pressure which your consultant can take into consideration during regular checkups.

Sounds smart, doesn't it?

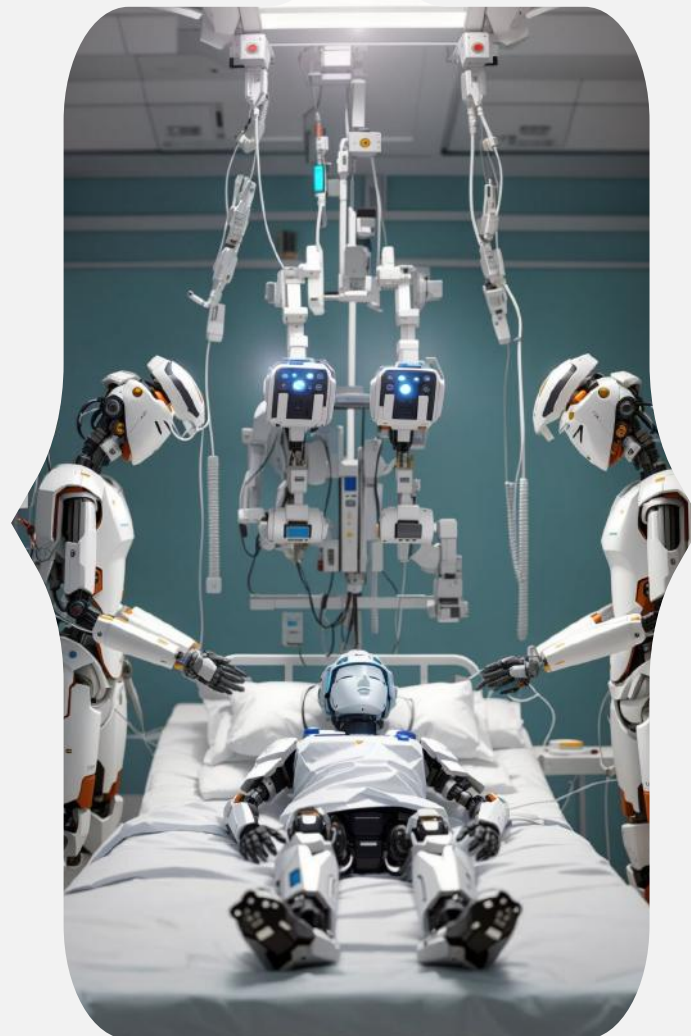


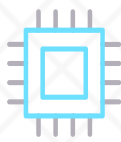
Benefits of AI and Machine Learning based Healthcare

- Cost reduction
- Tech costs
- Safer surgery
- Wearable technology
- Big data management
- Automation of manual tasks



Integration of AI and the use of machine learning has changed the healthcare system for the better. Ranging from tracking everyday vitals to analyzing and predictive modeling of prevalence data, as well as medical imagery, services have now become efficient and fast. Here are some aspects in which AI and Machine Learning is benefiting healthcare:





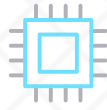
WHAT EXACTLY IS PROGRAMMING AND WHY DO WE NEED TO LEARN IT?



Programming is creating a sequence of instructions to make a computer perform a task. It's crucial to learn because it builds problem-solving skills, helps understand digital technology, automates tasks, drives innovation, and opens a multitude of career opportunities in our increasingly tech-dominated world. It's a vital 21st-century skill.

Why is programming essential in today's digital age and its impact on future career prospects?

***Programming is essential as it powers our digital world. It offers problem-solving skills, empowers innovation, and opens numerous career opportunities in the growing tech-driven job market.



IT's ALL ABOUT PRoGRaMMiNG

Learn Programming



6 Words for Programmers

1. Programming: Creating computer instructions for specific tasks.
2. Enhances Problem-Solving: It hones critical thinking skills.
3. Empowers Innovation: Drives technological advancements globally.
4. Offers Career Opportunities: High demand in job market.
5. Facilitates Automation: Makes repetitive tasks efficient.
6. Promotes Digital Literacy: Better understanding of technology.

Let's have a look at
its past!

Programming was introduced to young learners with the rise of personal computers in the late 1970s and early 1980s. Tools like Logo made coding accessible to kids, fostering early interest in technology.

QUANTUM COMPUTER

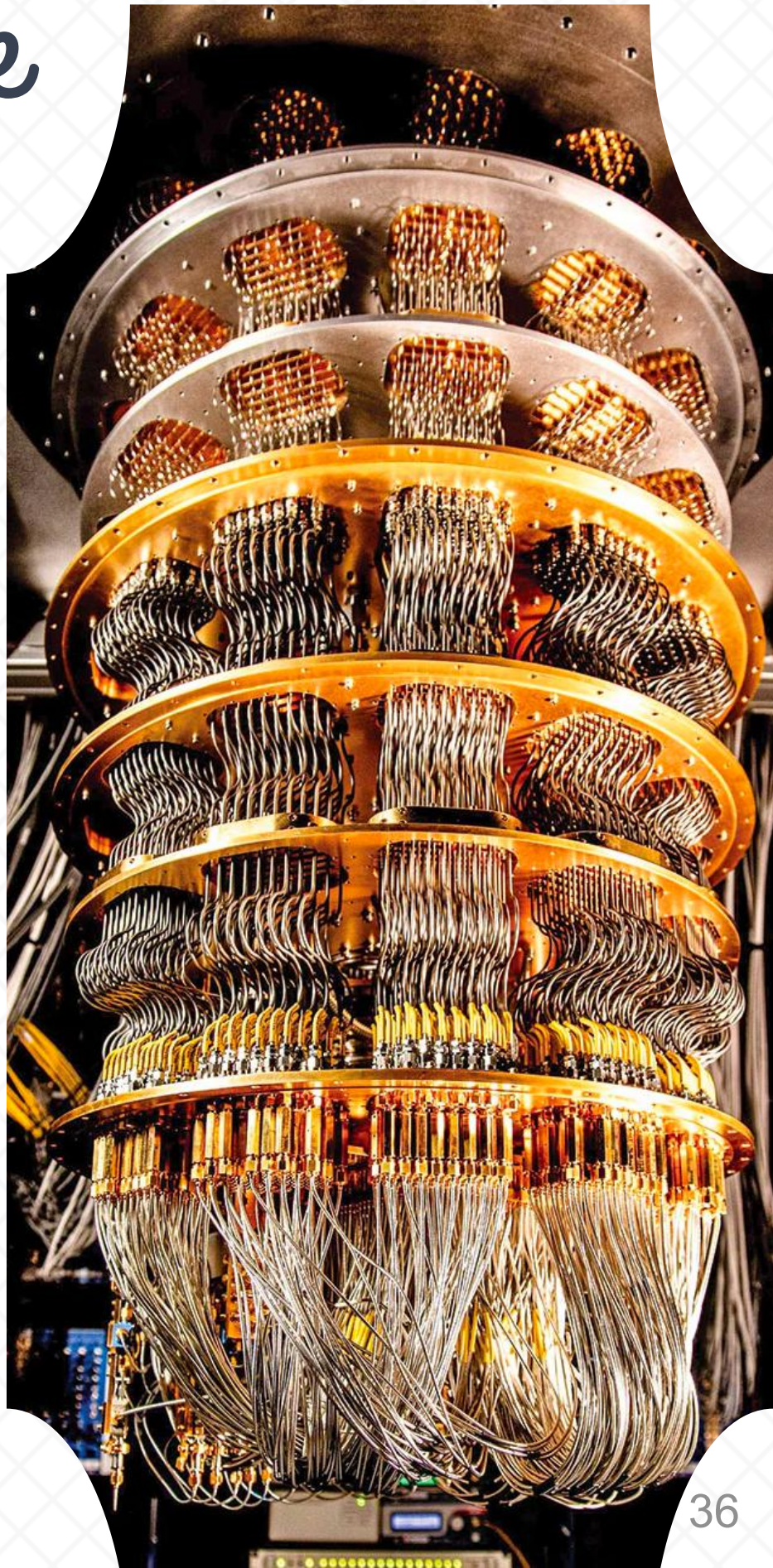
sycamore



Google's quantum computer utilizes superconducting circuits to create qubits. Superconducting quantum computers use artificial atoms, or "qubits," made from a flow of electric current trapped in a superconducting circuit to perform quantum computations.

Shocking

Google claimed that their Sycamore processor was able to perform a calculation in 200 seconds that would take the world's fastest supercomputer 10,000 years to compute.





You Should Know

USA has the highest number of Quantum Computers which is around 350+

Energy

Dubai Electric has partnered with Microsoft to use quantum computing for demand estimation and grid enhancements.



1

2



Weather Forecast

IBM utilizes Quantum Computing to estimate weather serving Big Tech.

Finance

KPMG initiated a Quantum Computing project for processing complex models to assess risk and optimize budgeting.



3

4



Machine Learning

Quantum Computing exponentially accelerates the rate at which applications learn intelligence.

Drug Testing

Quantum Computing makes it possible to simulate the chemical processes associated with drugs.



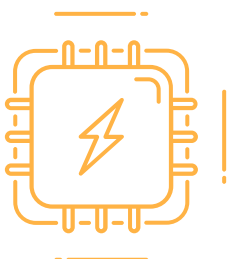
5

6



Cryptography

Quantum Computers can break encryption algorithms and hashes within seconds.





THE METAVERSE IS EVERYWHERE!

Here's what you need to know

FACEBOOK AND MICROSOFT ARE JOINING TO DEFINE THE NEXT GENERATION OF THE INTERNET.

The metaverse isn't a new idea, and the term has been in circulation for decades. The current boom in interest is just the most recent peak in a years-long push to make these advances useful to everybody.

➡ What's changed is a shift in understanding!

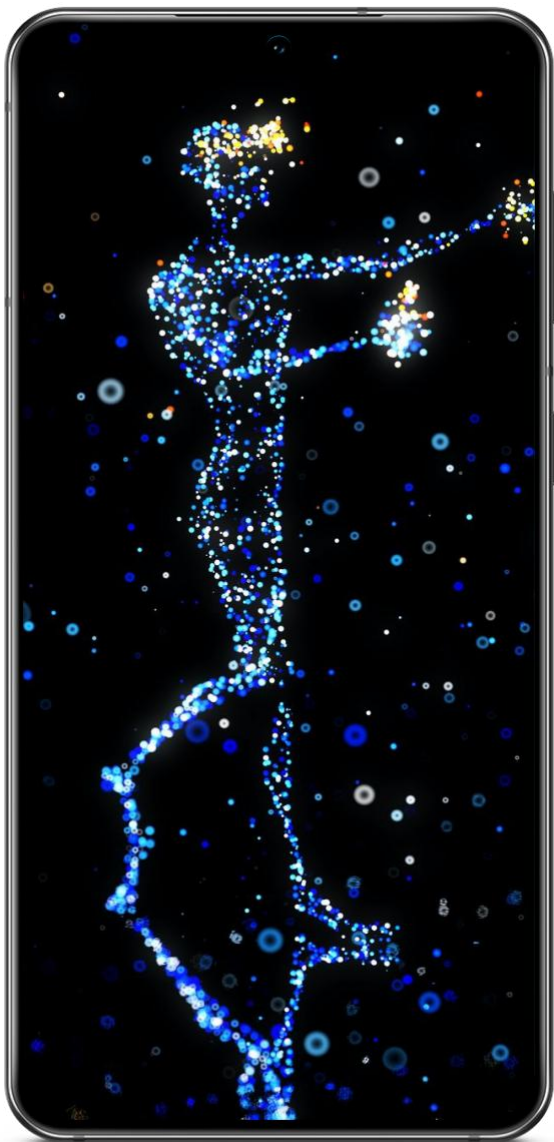


WHAT IS THE METAVERSE ABOUT?

Unsatisfyingly, the metaverse is a squishy concept. An evolution of the internet, it's often described as online spaces where people can socialize, work and play as avatars. Those spaces are shared and always available; they don't disappear when you've finished using them, like a Zoom call.

WHERE DID THE METAVERSE COME FROM?

Neal Stephenson coined the term in *Snow Crash*, a 1992 novel in which the main character, a pizza delivery driver, hangs out in an online virtual fantasy world.



WILL THERE BE ONE METAVERSE? OR MANY METAVERSES?

→ That remains to be seen

No standards for the metaverse exist and lots of companies are clamoring to lay the groundwork others will follow. Facebook, Microsoft, Sony, Epic Games and a bunch of smaller companies are all working on projects with the hopes of grabbing first-mover advantage.

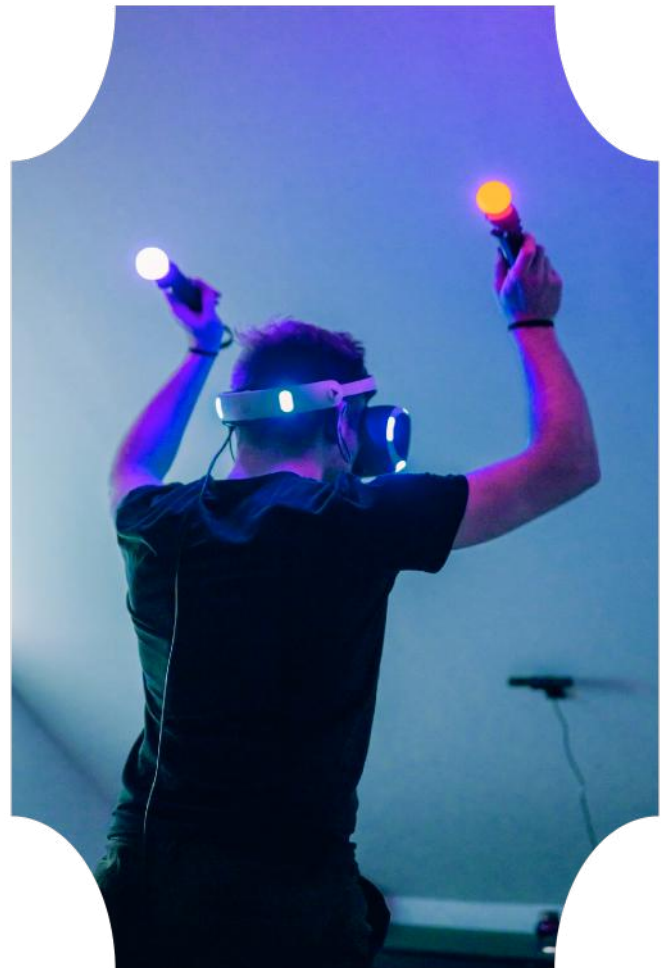
Meta, which plans to spend \$10 billion on its metaverse projects this year, says interoperability is crucial. If you have an avatar on Facebook, you should be able to use it on a Microsoft platform. That sounds pretty straightforward and suggests a single metaverse.

WHAT WILL IT BE LIKE IN THE METAVERSE?

The Metaverse is like a special digital world where you can fully immerse yourself. You'll have your own character that you can create, and you'll own digital things that can be recorded securely. Some people think you can buy land and build houses in this virtual world, where you can hang out with your friends' characters. Others think it'll be more flexible, where you don't need a specific home to enjoy the experience.

WHAT KIND OF EQUIPMENT DO I NEED TO ENTER THE METAVERSE?

That depends on where you want to go. Facebook wants you to buy one of its Oculus Quest 2 VR headsets. That will set you back 30000 inr, although the hardware is self-contained and doesn't require a PC or console to use.



A handful of other companies make AR headsets, which layer digital information on top of the real world and tend to be a lot more expensive. Qualcomm and other companies are developing methods for AR glasses.

Virtual Reality (VR) is an immersive technology that places users into a simulated environment. Rather than viewing a screen in front of them, users are surrounded by a 3D world that they can interact with in a way that feels as if they are physically there.



Here are some key aspects of VR:

1. **Immersive Experience:** VR aims to provide a sense of presence in a different environment. It's used in various applications like gaming, training, education, and therapy.
2. **VR Devices:** VR devices like Oculus Rift, HTC Vive, PlayStation VR, and others provide immersive experiences with the help of special VR headsets. These headsets track the user's head movements and accordingly adjust the user's view in the virtual world.
3. **Controller Tracking:** Most VR systems come with hand controllers that enable users to interact with the virtual environment more naturally and intuitively.
4. **360-Degree Videos:** These are often used in VR experiences to provide a real-world immersive environment. It could be a pre-recorded video of a real-world place or a computer-generated virtual world.
5. **Applications:** VR has many applications beyond just gaming. It's used for virtual tours in real estate, training simulations in various industries like medicine, aviation, and military, therapeutic uses like treating PTSD, and educational purposes to provide a more interactive learning experience.

ARE YOU Ready for It

Augmented Reality (AR) is a technology that superimposes a computer-generated image or information onto a user's view of the real world, thus providing a composite view. It enhances our perception of reality by adding layers of digital information to the physical world.

Key aspects of AR include:

1. **Real-world Interaction:** Unlike Virtual Reality (VR) which replaces the real world with a simulated one, AR adds to the existing reality by overlaying digital information, images, and other content onto the real world.
2. **Devices:** AR can be experienced through various devices, including smartphones, tablets, AR glasses like Google Glass, Microsoft's HoloLens, and others. These devices usually have a camera that captures the real world and then displays the augmented content on their screens or directly to the user's eyes.
3. **Applications:** AR has a wide range of applications, from gaming (like Pokemon Go), social media filters (like Snapchat's face filters), and retail (trying on clothes or seeing how furniture might look in your home virtually) to more professional uses in industries such as medicine (for complex surgeries), architecture (for visualizing building designs), and education (for interactive learning experiences).
4. **AR Types:** There are several types of AR, including Marker-based AR (which requires a special visual or QR code to overlay digital information), Markerless AR (which uses GPS, accelerometer, and compass data to provide location-based augmented reality), and Projection-based AR (which projects artificial light onto real-world surfaces).

▼ 72%

Smart Home



What is Smart Home?

A smart home refers to a convenient home setup where appliances and devices can be automatically controlled remotely from anywhere with an internet connection using a mobile or other networked device.



How Smart Home Works?

A smart home refers to a convenient home setup where appliances and devices can be automatically controlled remotely from anywhere with an internet connection using a mobile or other networked device.



Smart Home

ALEXA & GOOGLE ASSISTANT

1

Google Assistant

"Google Assistant" is another virtual assistant developed by Google. It is available on various platforms, including Android smartphones, smart speakers like Google Home, smart displays, and other compatible devices.



2

Alexa

Alexa is powered by artificial intelligence. It is integrated into Amazon's smart devices like the Echo speakers, smart displays, and other compatible devices.





GREEN INNOVATIONS IN TECH



What is exactly mean by Green Innovation in Tech?

Green innovation in tech is a rapidly growing field, with new and exciting developments being made all the time. Here are a few examples of green innovations in tech:

- **Green computing:** Green computing refers to the use of information technology in a way that minimizes environmental impact. This includes using energy-efficient hardware and software, and using cloud computing to reduce the need for physical servers.
- **Biomimicry:** Biomimicry is the process of copying nature's designs and strategies to solve human problems. This approach can be used to develop new green technologies, such as self-cleaning surfaces and water-saving irrigation systems.
- **Digital twins:** Digital twins are virtual representations of physical objects or systems. They can be used to simulate the behavior of these objects or systems, which can help us to improve their efficiency and sustainability.

Green innovation in tech is a complex and rapidly evolving field. However, the potential benefits of these technologies are huge, and they could play a major role in our efforts to protect the environment.

SAVE ENVIRONMENT



EV



DRIVING THE FUTURE

A Scenario for the Rapid Growth
of Electric Vehicles



Highlights

Survey presented with a rapid-growth scenario where, by 2040, electric vehicles would represent 100% of new vehicle sales

and comprise over 50% of the global light duty vehicle race. Each of the five groups created a potential path for that outcome. There were three main conclusions:



The paths to the rapid growth outcome are likely to be different for the key regions (U.S., Europe, China, India).

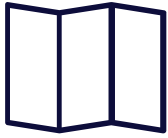


The full benefits of electrification of the transportation sector will come with a complete revolution in the way people move.



The probability of a rapid growth outcome has increased. There are multiple paths to that outcome.

Benefits of Electrified Cars



**Lower travel
cost**



Safer travel



**Better travel
experience**



**Access for
mobility**



**Lower road
construction
spending**



**More efficient
land use**





PROBLEMS



- **Range anxiety:** One of the biggest concerns for EV owners is range anxiety, or the fear of running out of battery power before reaching their destination. This is a valid concern, as the range of EVs can vary depending on factors such as driving conditions, speed, and climate.
- **Charging time:** Charging an EV can take a long time,
- **Limited charging infrastructure:** There are still relatively few public charging stations available, which can make it difficult to find a place to charge your EV when you're on the go.
- **High purchase price:** EVs are typically more expensive than gasoline-powered cars. This is due to the high cost of batteries, which are one of the most expensive components of an EV.
- **Battery degradation:** The battery in an EV will degrade over time, which will reduce its range. This is a normal process, but it can be a major concern for EV owners who rely on their vehicles for long-distance travel.



BIO-WEAPONS

DESTROYING HUMANITY

1

Creation and Spread: Highly lethal pathogen created and globally dispersed intentionally/accidentally.

2

Lack of Pre-existing Immunity: Novel or genetically altered pathogen bypasses human immune defenses.

3

High Infectivity and Lethality: Pathogen is both highly infectious and extremely deadly.

4

Resistant to Medical Treatment: Bio-weapon mutates rapidly, rendering medical treatments ineffective.

5

Overwhelming Health Infrastructure: Severe symptoms overwhelm healthcare resources and facilities.

6

Economic Collapse: Widespread illness and death leads to economic breakdown.

7

Societal Breakdown: Fear and panic disrupt societal order, incite violence

8

Ecological Impact: Human extinction disrupts ecosystems, alters global environment significantly.

BANISH BIOWEAPONS

"Knowledge is power, but wisdom brings peace."



Bill Gates: "The next epidemic could originate on the computer screen of a terrorist intent on using genetic engineering to create a synthetic version of the smallpox virus... or a super contagious and deadly strain of the flu."

Jimmy Carter: "War may sometimes be a necessary evil. But no matter how necessary, it is always an evil, never a good. We will not learn how to live together in peace by killing each other's children."



Graham Allison (American political scientist): "On the current path, a bio-terror pandemic is more likely than not in the decades ahead. Our goal must be to reduce this to near zero."

Professional Profile



Chief Executive
&
Designer
(Ojash)



Co-Designer
(Satyam)



Co-Designer
(Dev Raj)



Co-Designer
(Zooney)

Class Helpers

Blockchain And Crypto	Rachit,Talha
How Internet Works	Amritanshu,Rishav
AI	Zara,Warisha
Metaverse	Dokania,Abdul
5G and Future of Connectivity	Shadiya,Iffat
Cybersecurity and Cyber Attacks	Shagun,Kanak
Darkweb & Deepweb	Shail,Vabhavi
EV(Driving the Future)	Aditya Kumar,Dev
Benefits of Electrified Cars	Aditi,Pallavi
Learn with AI	Atif,Hussain
Some beneficial AI Tools	Kayanat,Faiza
Bard OR ChatGpt	Safia,Pragya
Social Phising	Sumit,Shree Om
AI in Healthcare	Ashish,Om Kumar
Quantum Computer	Tasim,Aamir
Green Innovation	Divya
Ethical Hacking	Swastika,Simra
AR and VR	Al-bia,Ameerun
Data Privacy	Midhat,Zooney
AI Assistant	Krishna Singh,Shlok
Smart Home	Arya,Areena
Data Harnessing	Rishika,Ritika
Importance of Programming	Anamika,Ananya
Bio Weapons	Akshay,Alok
Cyber Bullying	Pranav,Aditya
Pirated Files	Harsh,Fazal

SPECIAL THANKS



THANKYOU

