

AI POWERED INNOVATION

MBEYA UNIVERSITY OF SCIENCE AND TECHNOLOGY

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About

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What is

Digital Innovation?

Simply, application of digital technology to existing business problems or practices.





Digital innovation can improve customer experience, enable new business models and provide the opportunity to launch new products.

What Happened?

Industrial **Revolutions**

1st IR : {Water , Steam}

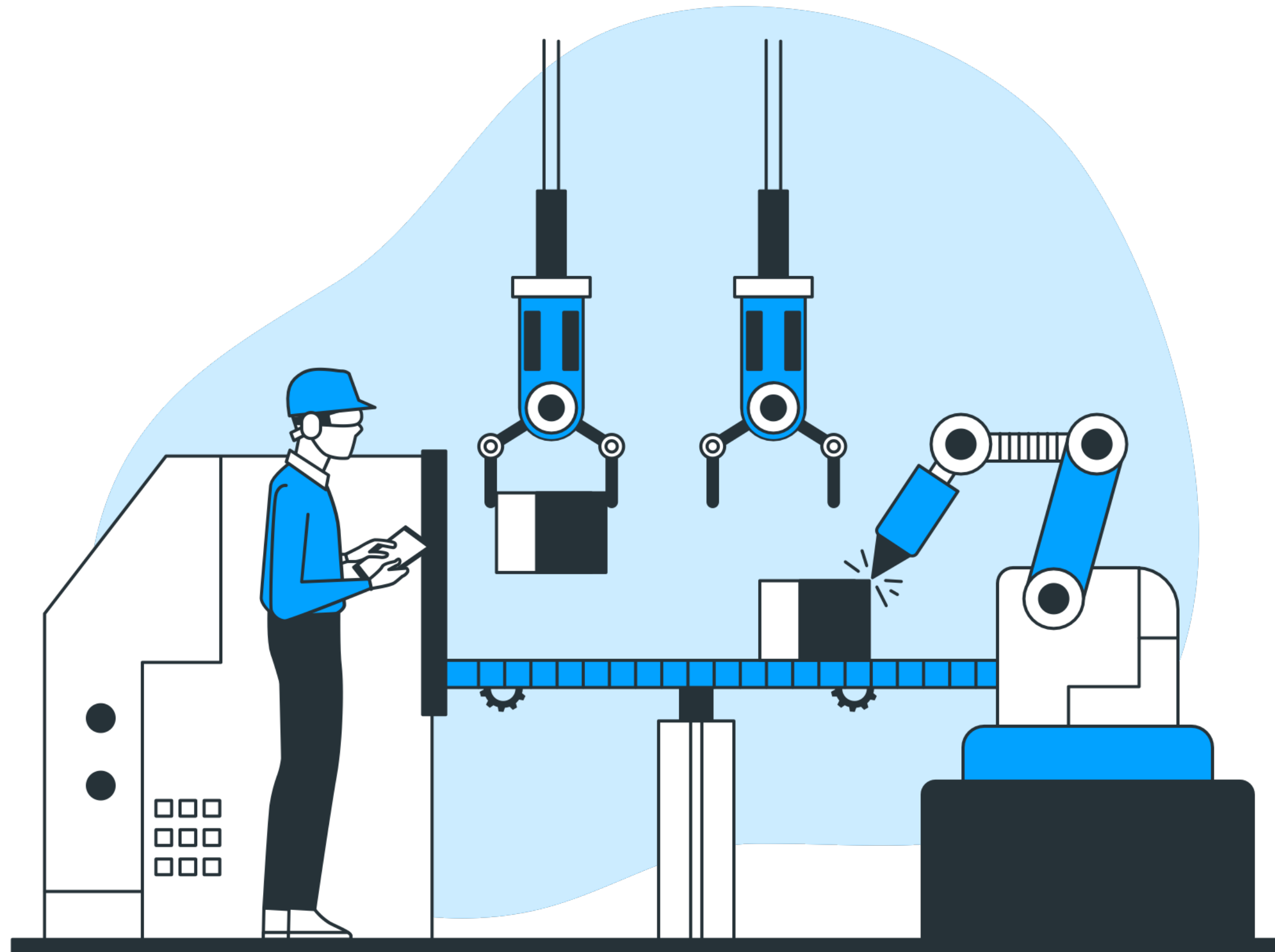
2nd IR : {Electricity}

3rd IR : {Electronic devices, Internet}

4th IR : {?}

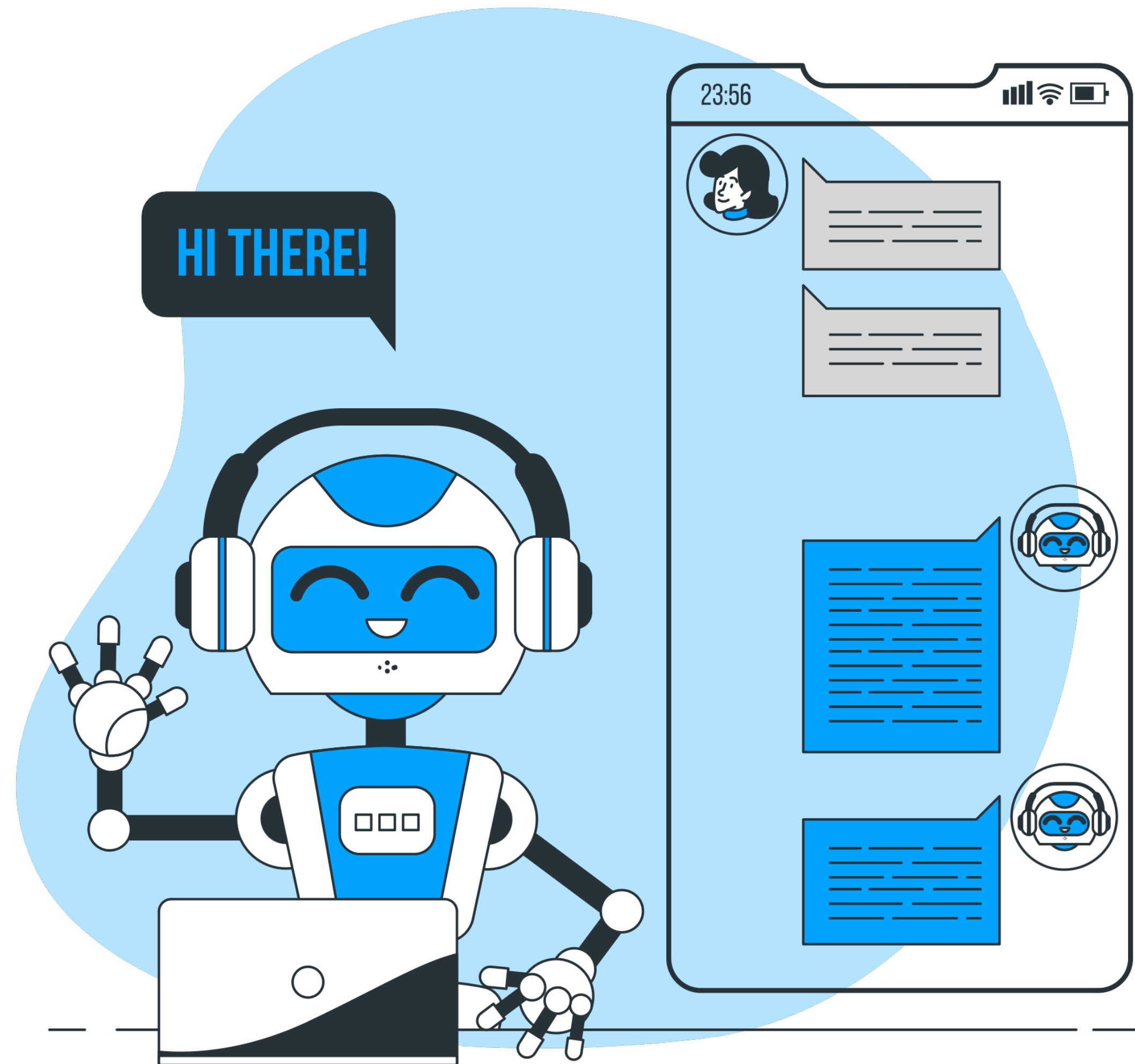


Industry 4.0



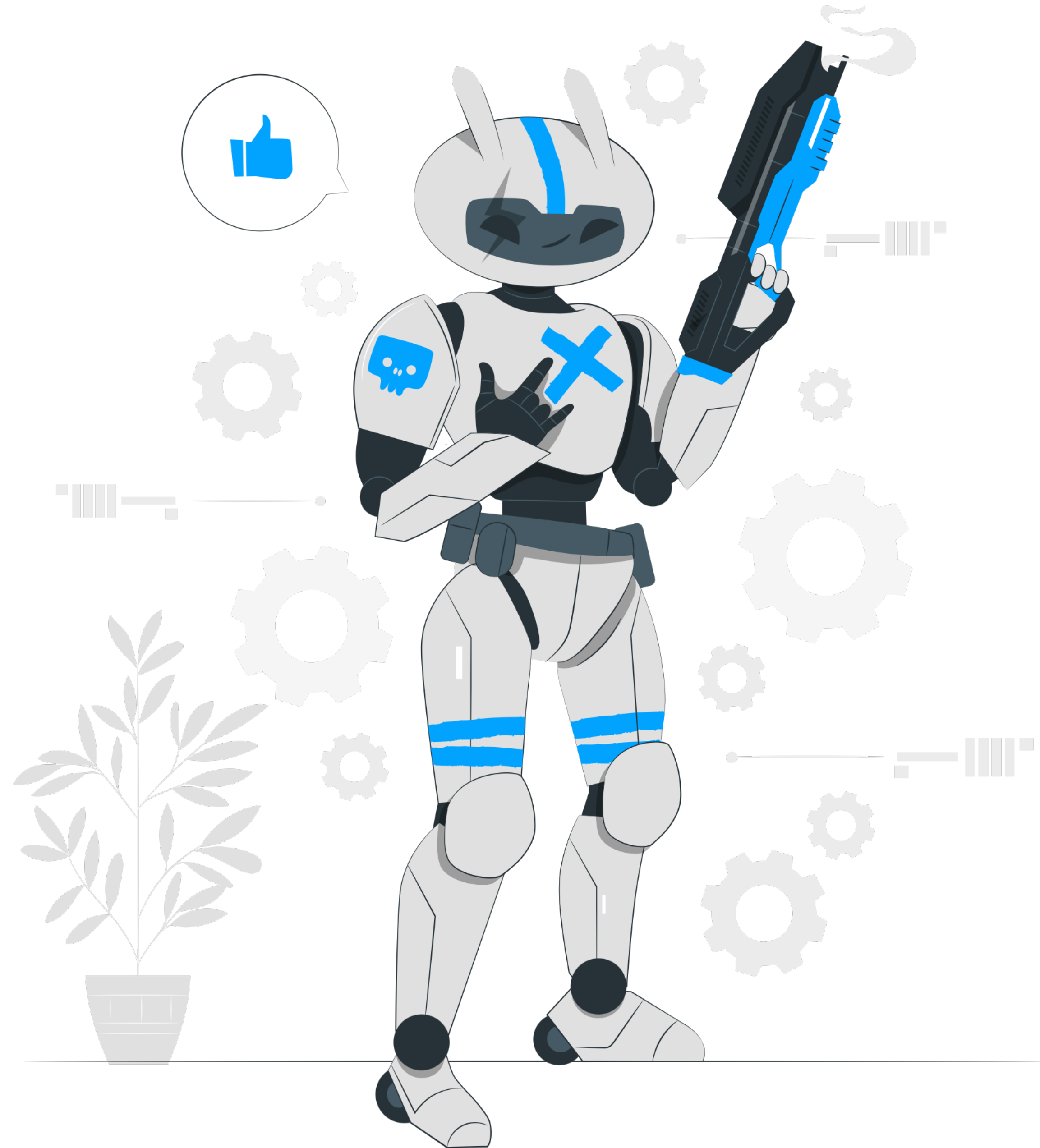
Artificial Intelligence
Blockchain
Cloud Computing
3D Printing
Robotics
Reality Technologies
Advanced Networks
Nanotechnology
Biotechnology
Quantum Computing

Industry 4.0



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What is Artificial Intelligence?



Artificial Intelligence

Is a way of making machine behave in the way that would be called intelligent if human were so behaving
by John McCarthy, 1957.

As AI continues to transform industries, let's take a look at the following issues:-

Applications of AI Innovation

Health Care

Artificial Intelligence can help diagnose diseases sooner, develop new treatments, and even prevent epidemics.





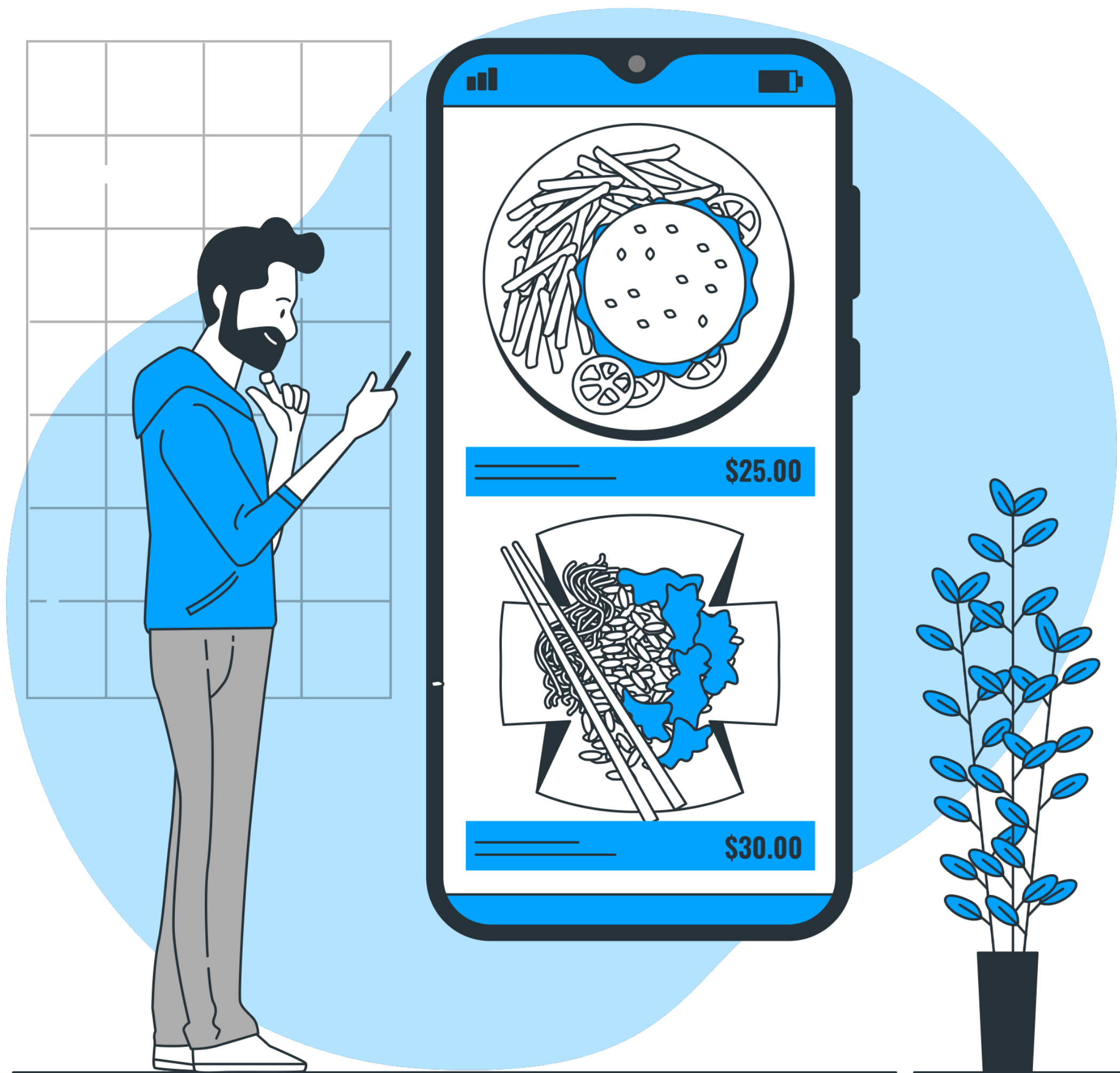
Education

Personalised learning experiences could help every student reach their fullest potential.

Energy

Artificial smart grids and renewable energy sources could help us conserve resources and become more sustainable as a species.





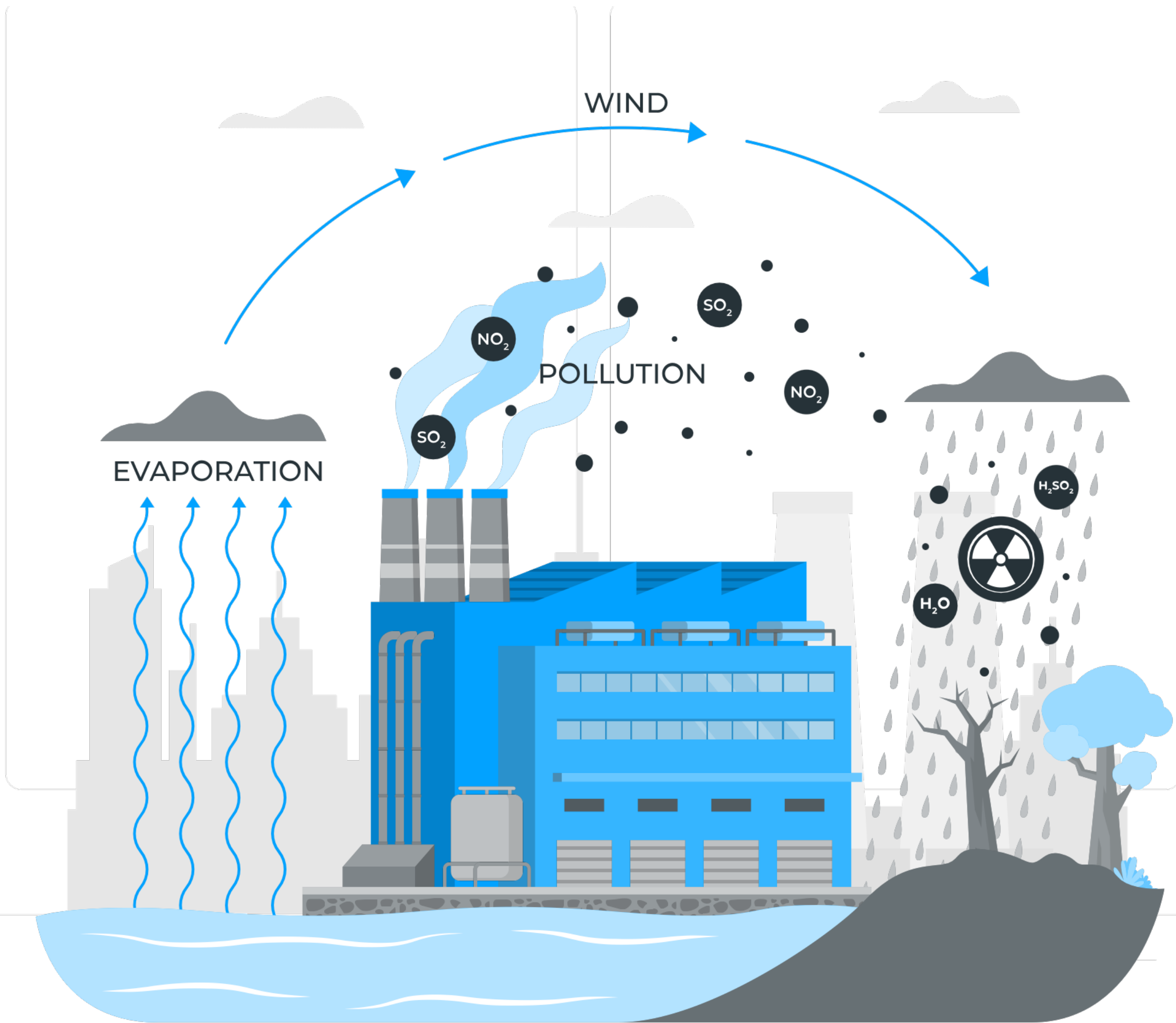
Food Production

Vertical farming and other innovations could help us produce food more efficiently while reducing our environmental impact.

Security

Artificial Intelligence can help us identify threats earlier and respond to them more effectively.





Environmental Protection

Artificial Intelligence can help us monitor environmental changes and predict natural disasters.

Economic Development

Artificial Intelligence can help us create new jobs and industries and distribute wealth more evenly.





Social Welfare

Artificial Intelligence can help us identify social problems sooner and design better solutions.

About

Salehe Said

- Co-Founder:
 - [LogAI](#)
- Co-Founder:
 - [CameLabs](#)
- Co-Organizer:
 - [EnhanceMind AI Conference](#)

www.bit.ly/salehesaid



Benefits of AI Powered Innovation

Increased Efficiency

AI-powered innovation can save time and money, allowing companies to do more with less.

Improved Accuracy

AI can reduce human error and increase precision, leading to better quality products and services.

Enhanced Creativity

AI can inspire new ideas, provide new perspectives, and augment human creativity.

Competitive Advantage

AI can give companies an edge by enabling them to identify and capitalize on opportunities faster than rivals.

Challenges of Implementing AI in Innovation

Data Quality

AI requires large amounts of high-quality data to function effectively and produce reliable results.

Costs

AI can be expensive to develop and implement, requiring investment in infrastructure, talent, and resources.

Regulatory Compliance

AI is subject to regulations and ethical considerations, which can vary by industry and country.

Human Resistance

AI can generate anxiety and resistance among employees, customers, and other stakeholders, who may view it as a threat to their jobs, privacy, or autonomy.

AI Powered Innovation and Business Growth

Revenue Growth

AI-powered innovation can increase revenue by improving product quality, speeding up production, and optimizing pricing and marketing strategies.

Cost Saving

AI-powered innovation can reduce costs by automating tasks, improving efficiency, and minimizing waste.

Future of AI Innovation

Hyper-personalization

AI will enable companies to provide highly personalized and targeted products and services, tailored to individual customers' needs and preferences.

Advanced Automation

AI-powered automation will become more sophisticated, with machines able to handle increasingly complex and diverse tasks.

Human-Machine Collaboration

The future of AI innovation will involve closer collaboration **between** humans **and** machines, **with AI** augmenting **rather than** replacing human skills.

Conclusion:

**AI Powered Innovation as a Game
Changer for Industries**

Transformational

AI-powered innovation has the potential to transform industries by enabling companies to create new products, services, and business models.

Challenging

AI-powered innovation poses challenges and risks, including ethical considerations, regulatory compliance, and technological barriers.

Unstoppable

AI-powered innovation is unstoppable and will continue to drive change and innovation, reshaping the world as we know it.

What do you think is the future of AI?

Thank You