

The image features a central glowing blue globe surrounded by a network of white dots and lines, resembling a digital or neural network. To the left, a white and blue robotic hand reaches towards the globe. To the right, a human hand reaches towards the globe. The background is a dark blue cityscape at night, reflected in water at the bottom. The text 'The Artificial World' is written in a white, stylized, serif font with a blue outline, centered over the globe.

*The
Artificial
World*

1984



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TERMINATOR 6

Sci-Fi Movies That Might Become Reality



The Terminator



I, Robot



The Matrix



Tron: Legacy



War Games



Ex Machina

What Is Artificial Intelligence?

Now let's understand what is Artificial Intelligence?



Artificial: A human creation that did not occur naturally.

Intelligence: The ability to learn and apply knowledge

Artificial Intelligence: Man-made device/system that is able to act with and/or mimic human intelligence.

ARTIFICIAL INTELLIGENCE

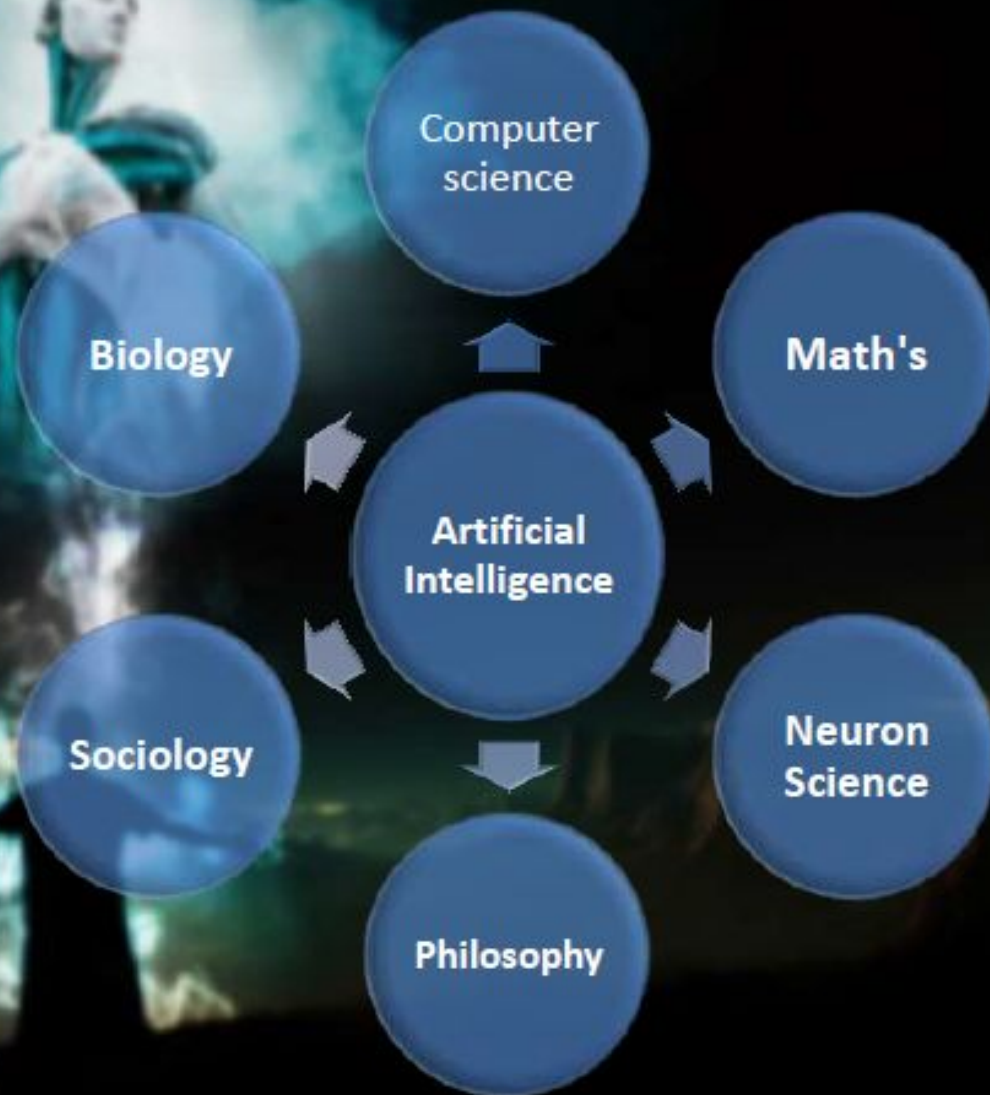


To Implement Human Intelligence in Machines – Creating systems that **understand, think, learn, and behave** like humans.

➔ Artificial Intelligence is a way of *making a computer, a computer-controlled robot, or a software think intelligently*, in the similar manner the intelligent humans think.

What Contributes to AI ?

Artificial intelligence is a science and technology based on disciplines such as :



Out of the following areas, one or multiple areas can contribute to build an intelligent system.



Dependency On AI

Now, let's see where AI is used in our day-day life

Artificial Intelligence in various Sectors

Transport



To reduce accidents and cut operational costs

Health



To minimize chronic and dangerous diseases

Water



To conduct analysis and studies to provide water sources

Technology



To increase productivity and help with general spending

Environment



To increase forestation rate

Traffic

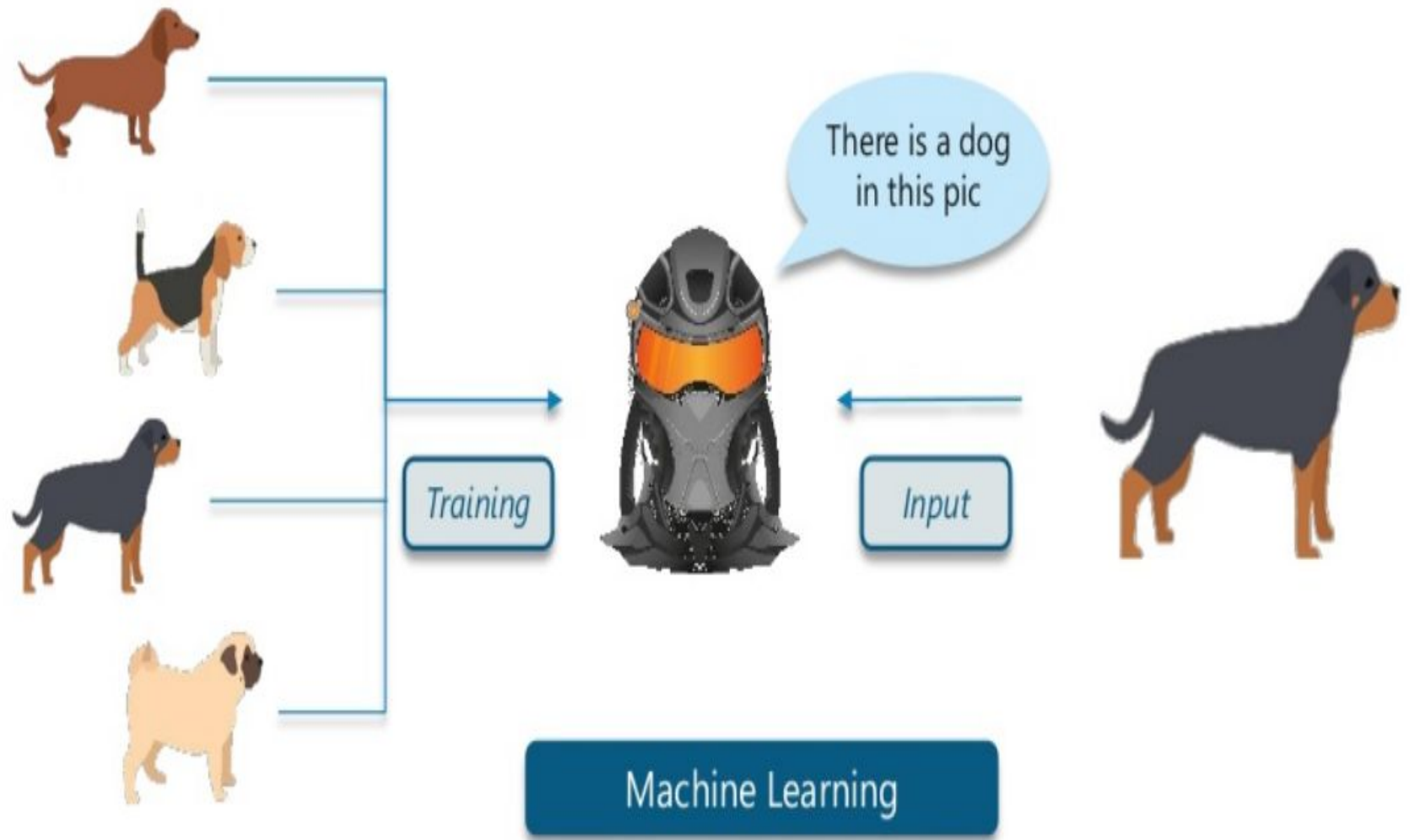


To reduce accidents & traffic jams & draw more effective traffic policies

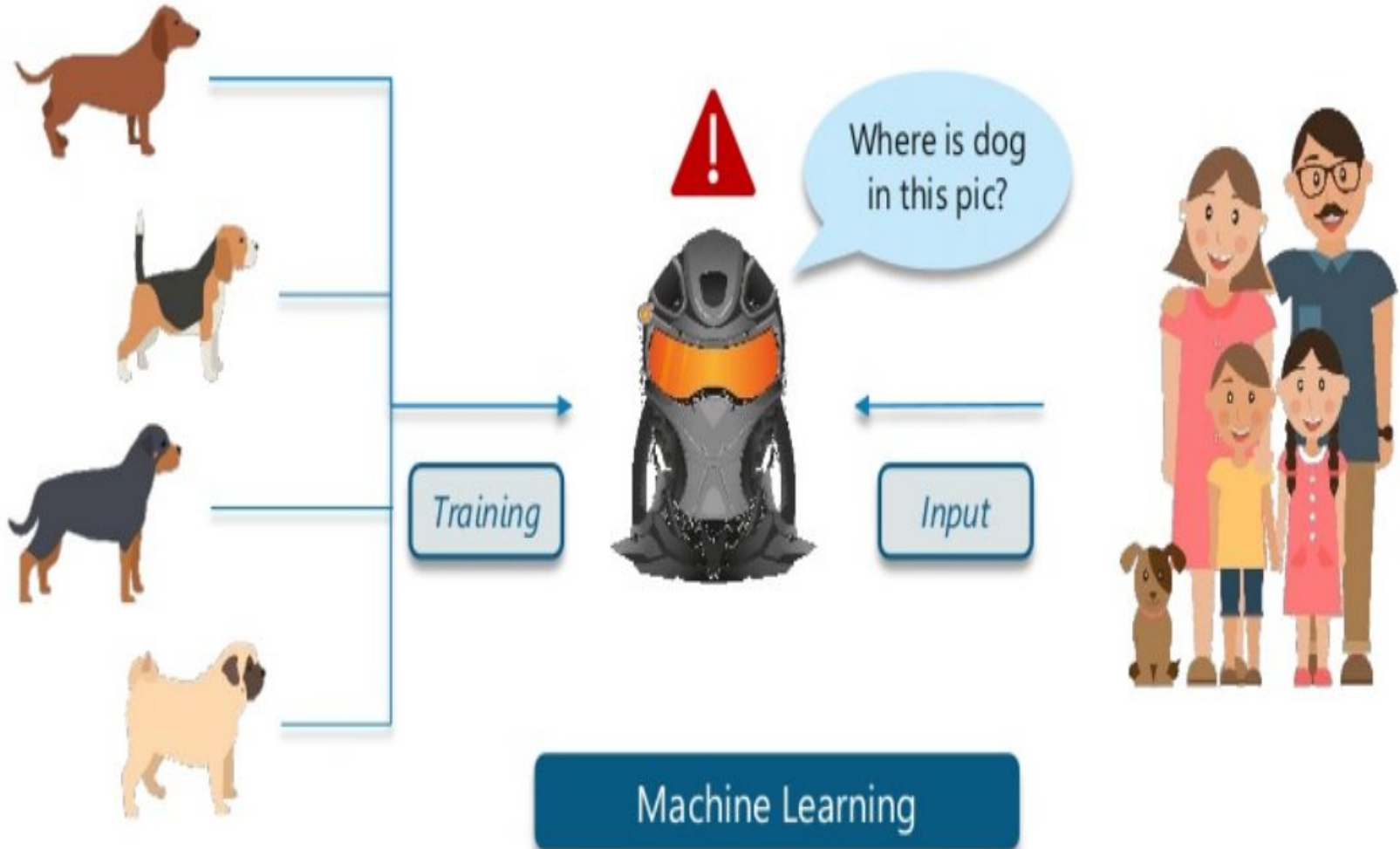
Ways of Achieving AI

We will see two approaches, namely – Machine Learning and Deep Learning

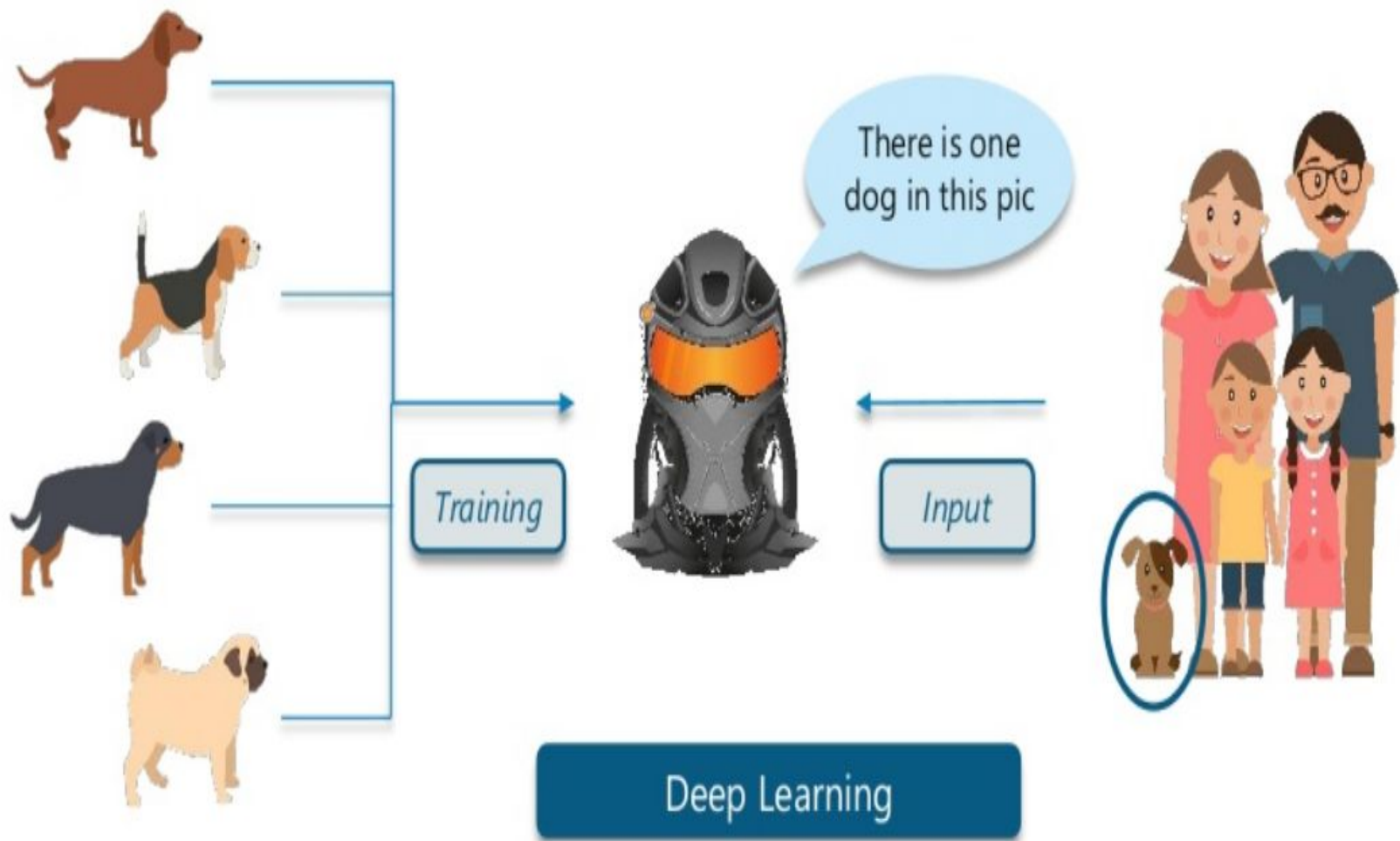
Machine Learning



Machine Learning



Deep Learning



DIGITAL TRANSFORMATION



A hand is shown in the foreground, pointing upwards with the index finger. The background is a solid teal color. Overlaid on the background is a network diagram consisting of several circular icons, each containing a stylized human figure. These icons are connected by thin white lines, forming a network structure. The text is centered in the upper half of the image.

DIGITAL TRANSFORMATION REFERS TO CONVERTING PROCESSES, ACTIVITIES AND MODELS TO MEET DIGITAL ECONOMY REQUIREMENTS UNTIL THE COMPANY IS A FULLY NETWORKED DIGITAL ORGANIZATION.

Why Digital Transformation is Needed

CUSTOMER INFLUENCE

Thanks to the Internet, customers have access to several offers from which they can choose the best product. Therefore, competition between companies is not limited to the domestic market.

THE INVISIBILITY OF NEW COMPANIES

The rules are always changing for an industry and emerging start-ups are mostly the reason. Companies, therefore, have to constantly brainstorm ideas and optimize processes to stay on the market.

EMPLOYEE INFLUENCE

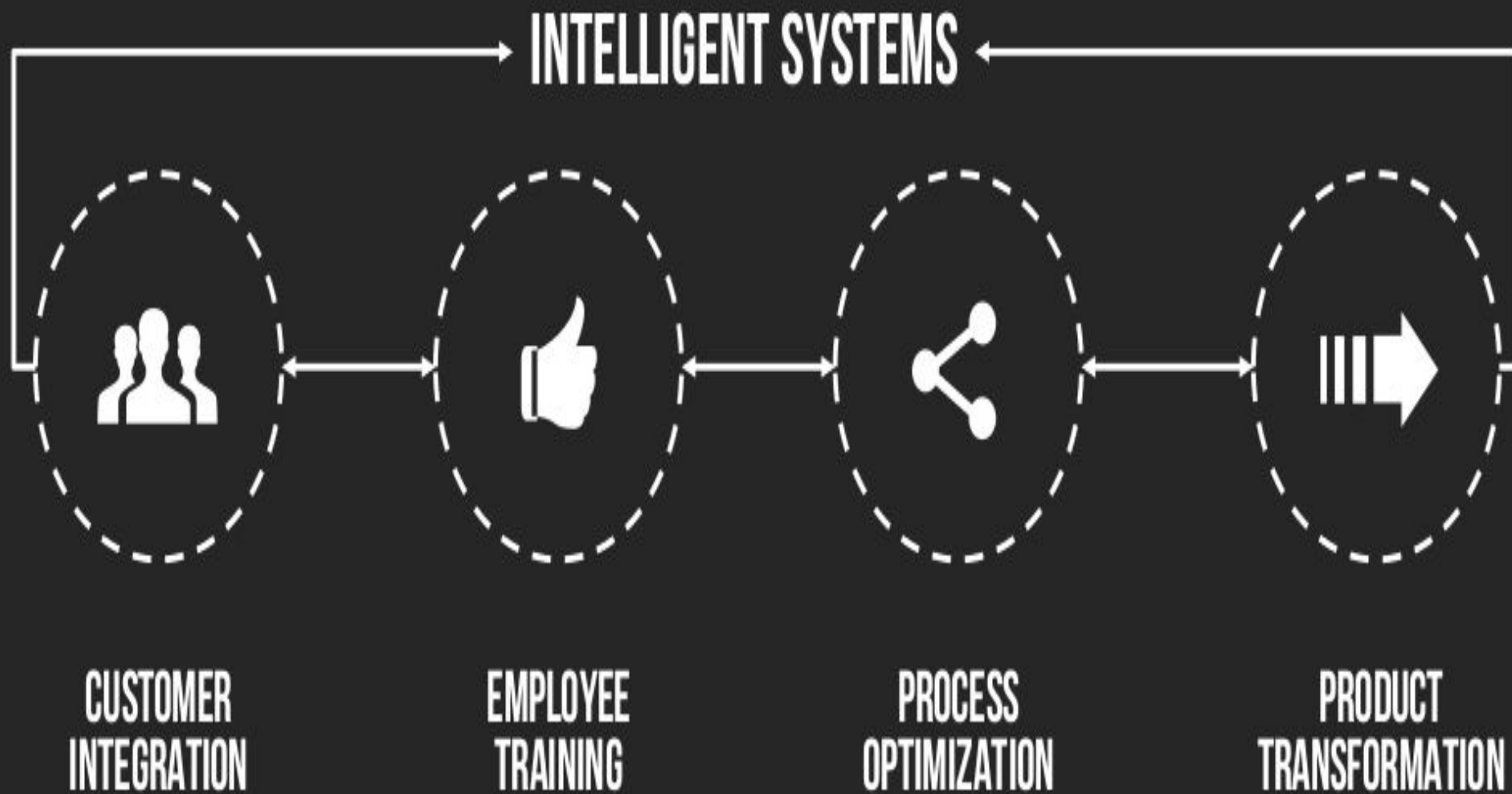
Employees also have high expectations of the company. If IT can not meet their requirements, employees will resort to other systems and applications that are unregulated by the company.

THE CONSTANT PACE OF INNOVATION

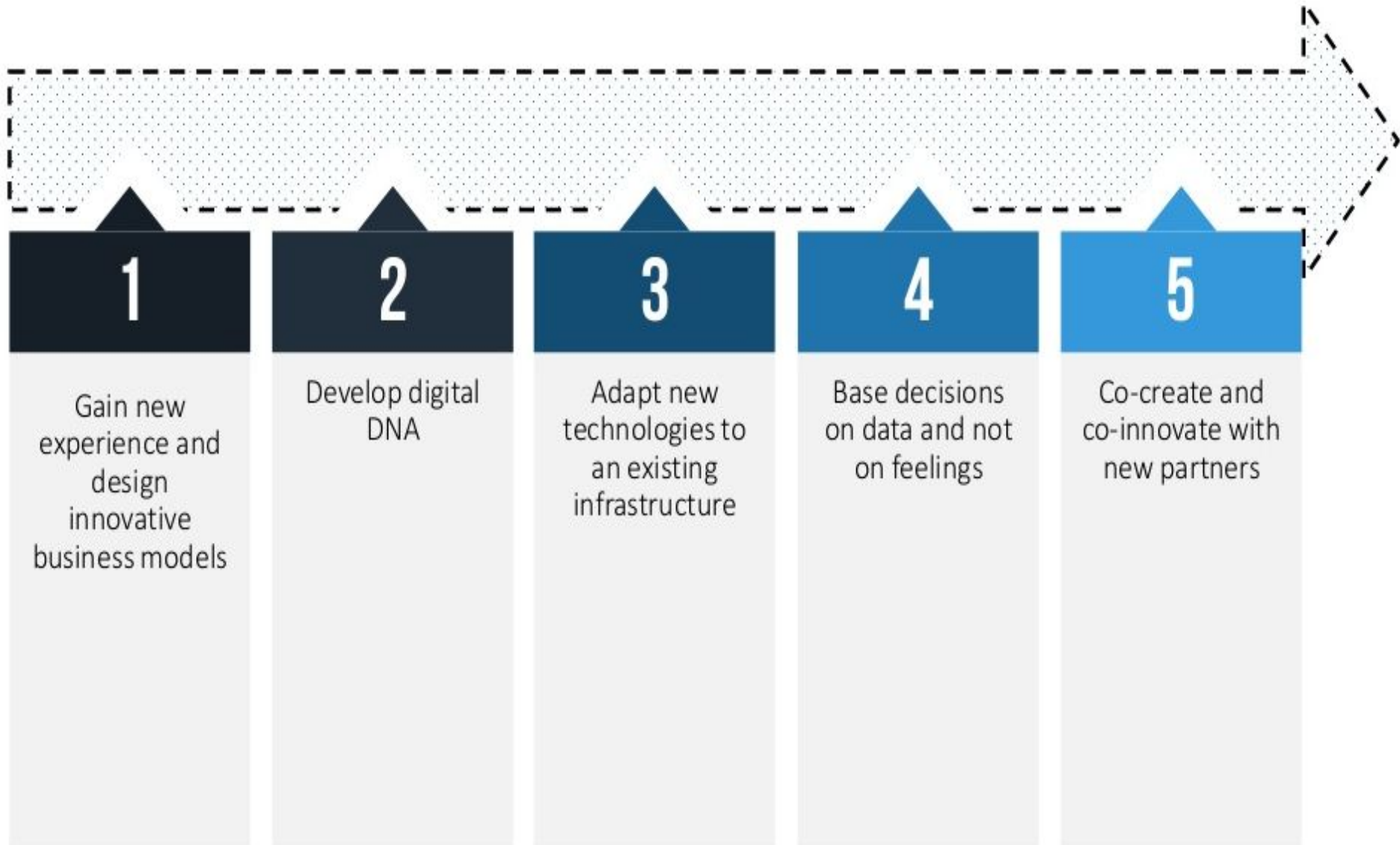
Changes happen more and more quickly. Every few years, innovations become obsolete and are replaced by new innovations. If a company cannot keep up, it will no longer exist.



Components of Digital Transformation



Digital Transformation in 5 Steps





**THANK
YOU**