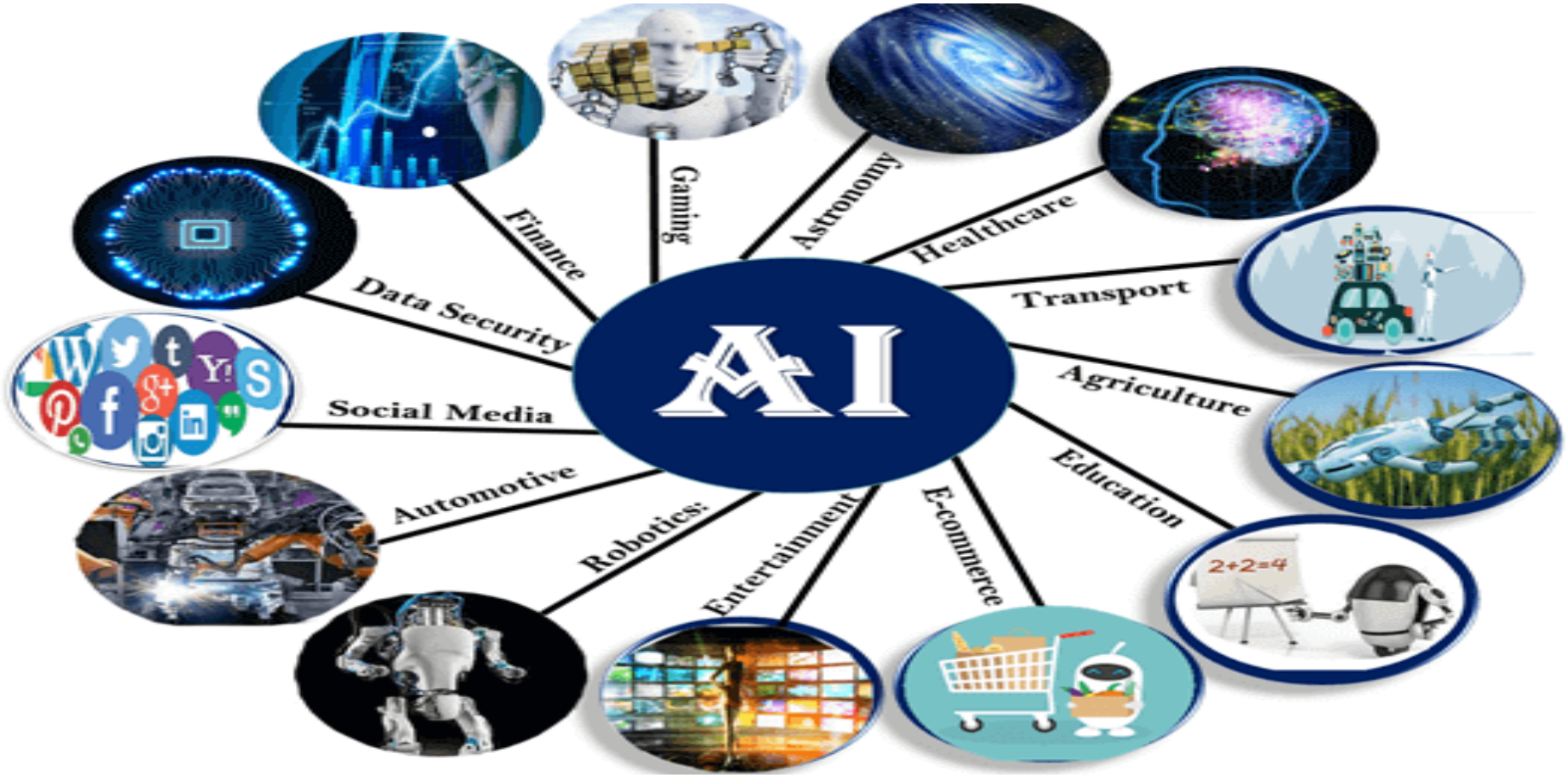
Experiencing AI



Experiencing AI

DATA IS THE NEW OIL AND AIRTIFICAL INTELLENGE IS THE NEW ELECTRICITY

Real life AI Projects

An **intelligent virtual assistant** (**IVA**) or **intelligent personal assistant** (**IPA**) is a software agent that can perform tasks or services for an individual based on commands or questions.

In 1990's Companies Started Working on **smart virtual assistants.**

Cortana was demonstrated for the first time at the Microsoft BUILD Developer Conference in San Francisco in April, 2014.

Real life AI Projects - Cleaning ROBOTS

A robotic vacuum cleaner, often called a Roomba as a generic trademark, is an autonomous robotic vacuum cleaner which has intelligent programming and a limited vacuum floor cleaning system.

In 2002 iRobot launches the Roomba floor vacuuming robot.

Real life AI Projects- Cleaning ROBOTS

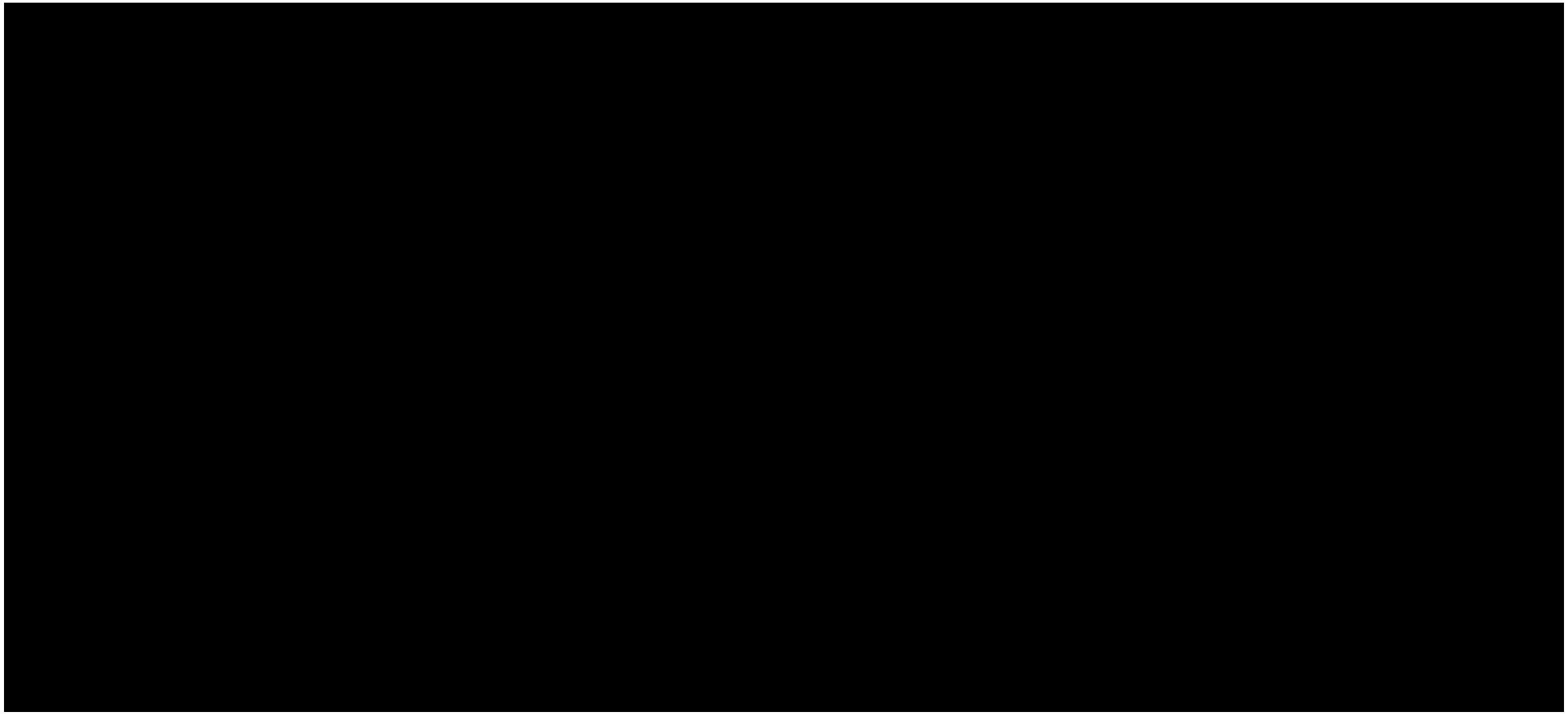
Real life AI Projects – Health Care

Artificial intelligence in healthcare is an overarching term used to describe the use of machine-learning algorithms and software, or artificial intelligence (AI), to mimic human cognition in the analysis, presentation, and comprehension of complex medical and health care data.

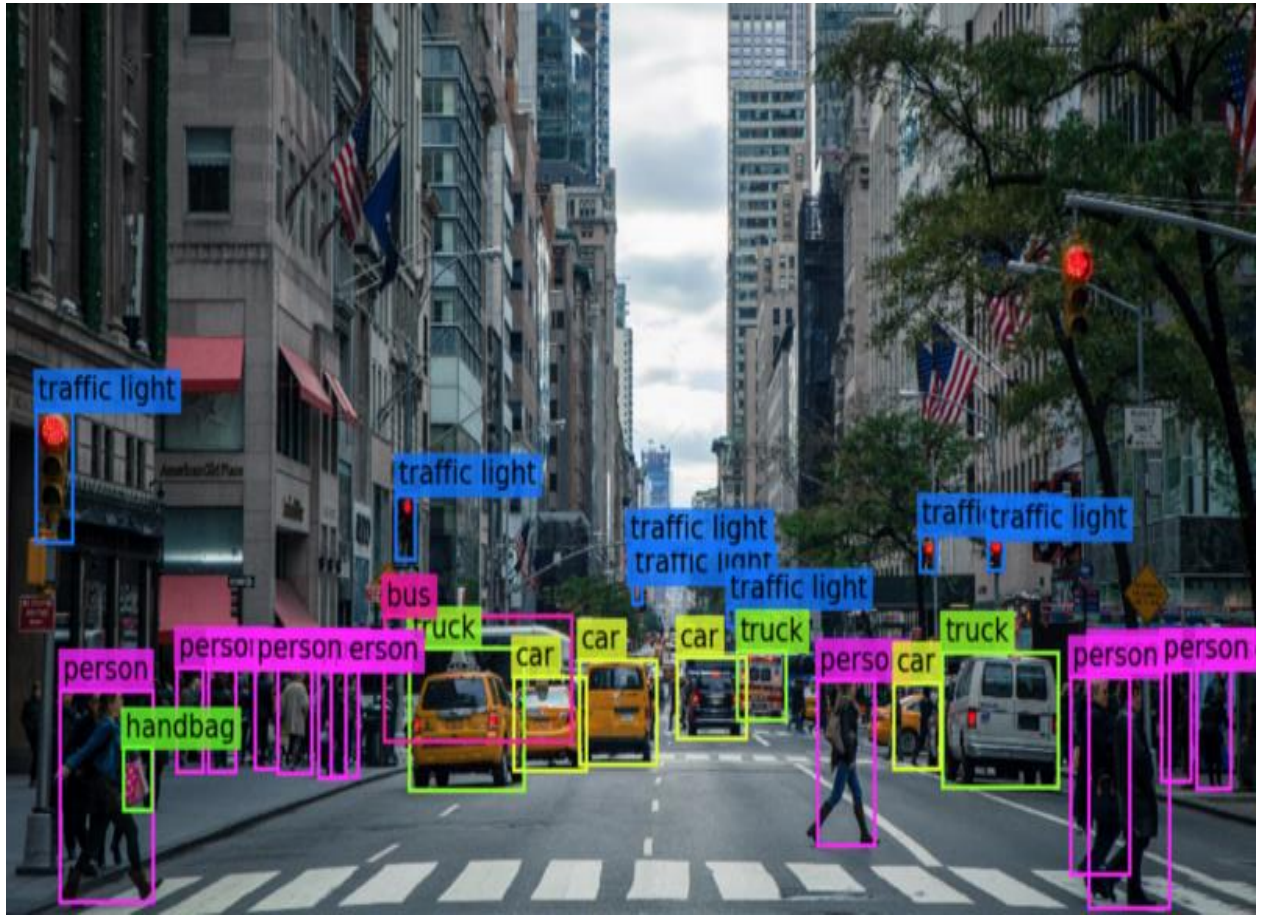
Specifically, AI is the ability of computer algorithms to approximate conclusions based solely on input data.

As a result, many business and analytics leaders are trying to integrate augmented intelligence (AI) into their analytic processes to better address these critical issues.

Real life AI Projects – Health Care



The AI Computer Vision



Computer Vision

What is a smart city?

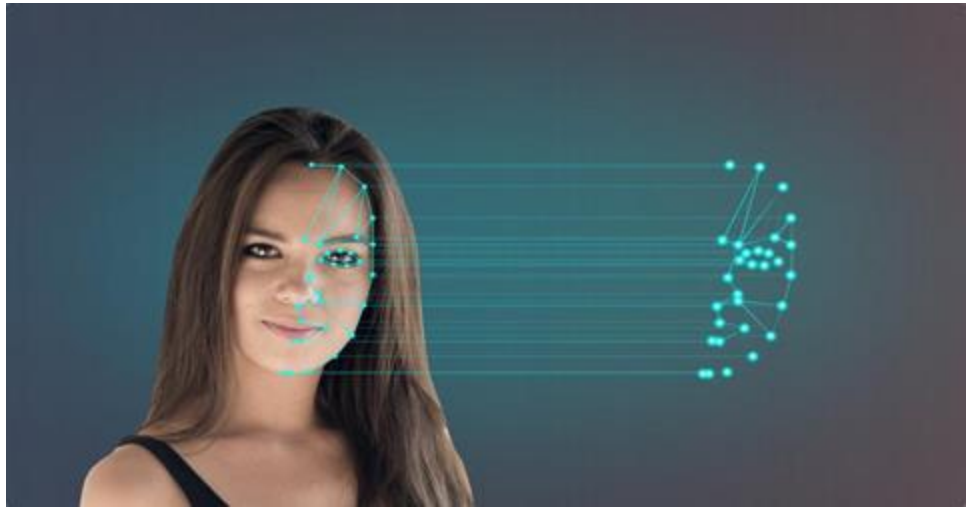
Application of Smart Cities

Artificial Intelligence is making cities smarter - safer, healthier, more efficient, more accessible, and more livable.

Let us discuss How Artificial Intelligence and Smart City where you will read about:

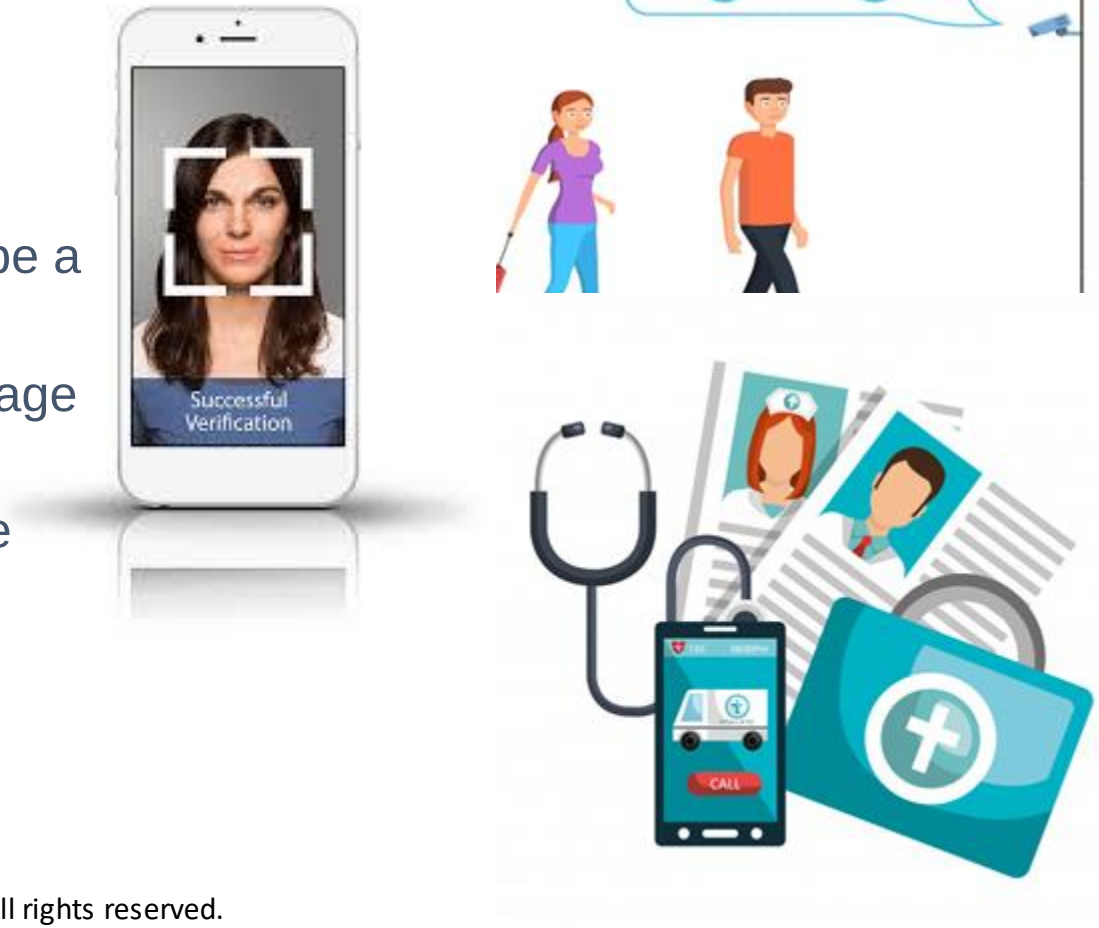
- What is a Smart City?
- Using AI to learn how to improve and optimize infrastructure of a city
- Using AI to improve public safety in a city

What is Image Recognition



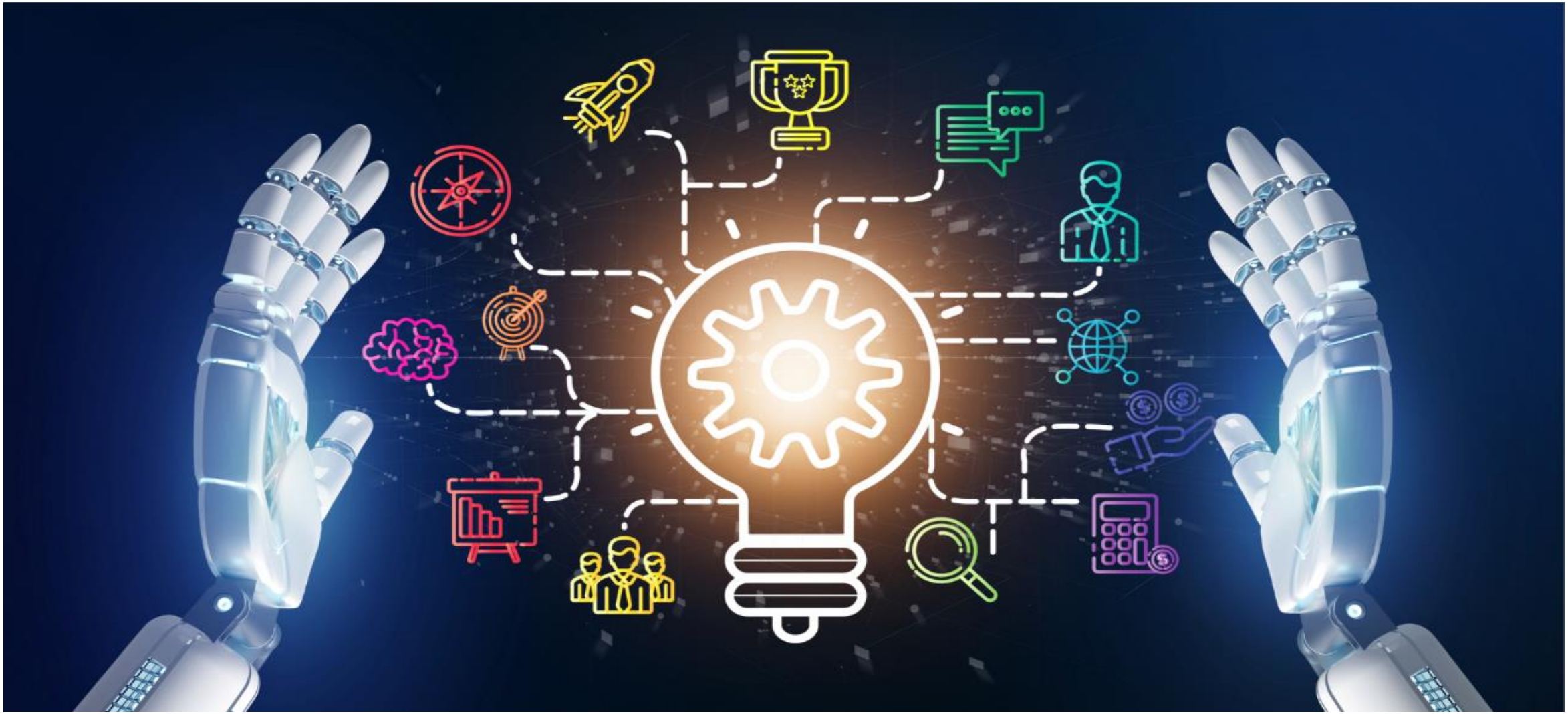
Applications of Image Recognition

- Image Recognition has lead to cutting-edge solutions in different areas - security, medical diagnosis, entertainment to name a few.
- Let us discuss about Artificial Intelligence and Image Recognition:
  - What is a Image Recognition?
  - How will Image Recognition technology be a part of my life?
  - Facial Recognition - An application of Image Recognition
  - Defect detection- An application of Image Recognition
- Where do you think you can use Image Recognition?



Microsoft SAP edunet foundation

Future of AI

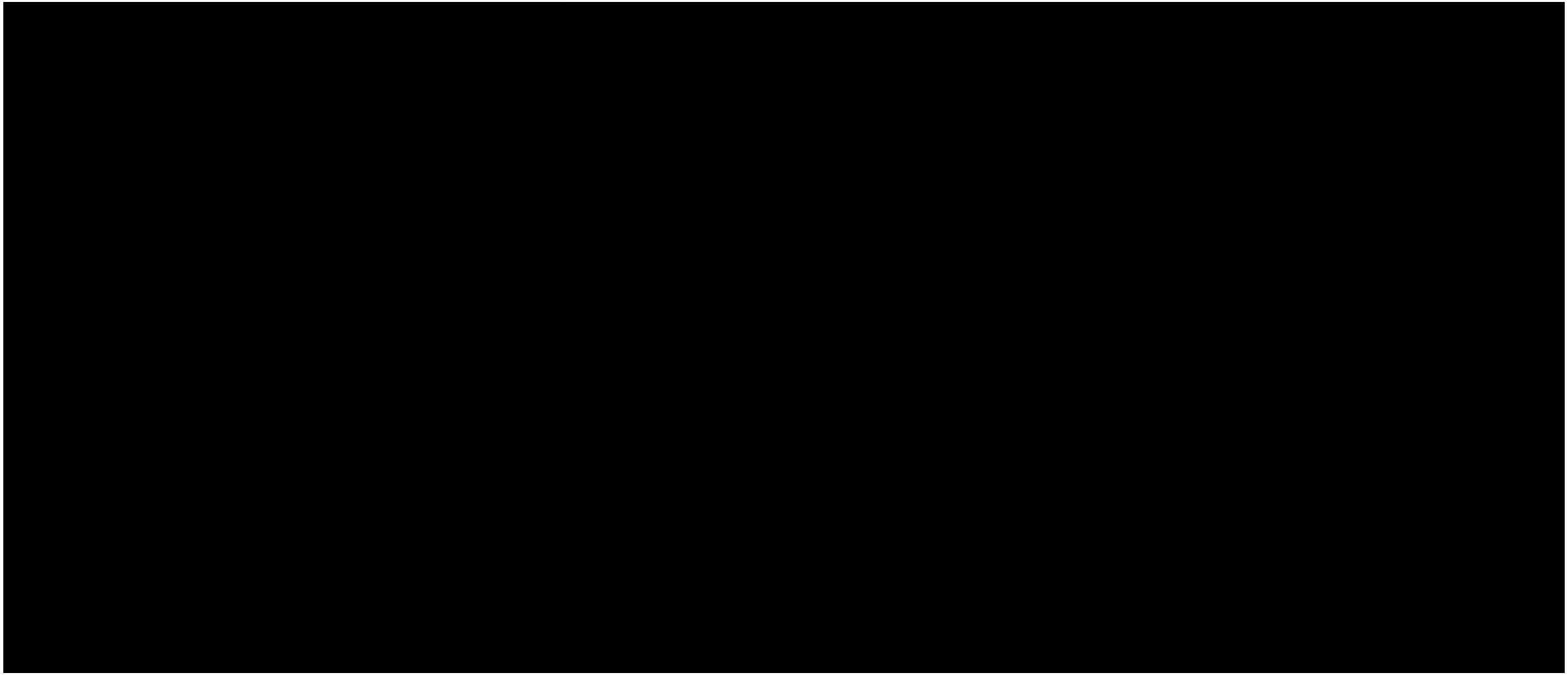


FUTURE OF AI

Once you Trust Self
Driving Cars with your life you
Pretty much will Trust in Artificial
Intelligence with Anything

-DAVE WATERS

Real life AI Projects- Self Driven Cars



Self Driving Cars

At level 0, the driver is responsible for performing all tasks to drive the car- from applying brakes to changing gear to control the steering.

Level 1 is driver assistance, where the driver assistance systems support the driver but do not take full control. One such feature is the park assist feature. Here, the driver only takes care of the car's speed, while the car controls the steering.

Level 2 is when the car can drive alone, but the driver has to be present in case the system fails. Tesla's Auto-Pilot and Nissan's Pro-Pilot, both provide the steering, acceleration and braking systems, but the driver has to be able to intervene in case of a failure. Here, the driver still needs to be alert and keep an eye on the road.

Self Driving Cars

At level 3, the driver can entirely disengage from driving. But, the driver has to be present to handle any unforeseen failures. Audi's A8L can take up full driving responsibility in slow-moving traffic. This was the first car to claim level 3 autonomy.

We can activate full self-driving mode at level 4 in certain conditions only, like cities and states. They can drive independently but do require a driver. Google's Waymo project is one such car, which has been operating in the US driver free for some time now.

Level 5 is the ultimate level of autonomous transportation, which requires zero human interaction to maneuver. One example of such cars can be a robotic taxi. However, Elon Musk, the CEO of Tesla claims that they will be ready for this level in 2021.

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THANK YOU