



Lucus Tai **Aditya Thota Yohaan Dhake**

Life Health Wellbeing Al is growing. In relevance. In strength. In capabilities. From producing working code from scratch to have complete conversations with users, Al has been trained enough to operate to a high extent. The surge of Al development opens the world to a multitude of possibilities.

WE STAND ON THE THRESHOLD OF A BRAVE NEW WORLD. IT'S AN EXCITING YET PRECARIOUS PLACE TO BE 99 - SAM ALTMAN (2023)

2014

2021

TidalHealth Peninsula Regional (TPR)

- TPR, a level II Trauma center, invested in drug information databases and found that clinicians were still spending far too long searching for solutions.
- "Traditional search methods in drug information tools are a bit clunky," says Rachel Cordrey, supervisor of pharmacy operations at TPR
- TidalHealth worked with IBM to implement IBM Micromedex with Watson Al, a cloud-based clinical decision support system

Results

ealth

scans

· Clinicians reported saving up to 20 minutes per encounter

troduction

→ Leading to increased consistency in care Increased adherence to best practices —

 Advanced algorithms with the ability to sift through huge amounts of data, images and • Able to **check patient's vitals** around the clock

 Ability to track and analyse trends and deduce the reason

• The ability to take into consideration many more factors can enhance diagnosis accuracy



- Remind people to sleep on time
- Wake them during a period of NREM Stage 1 in the morning (More restful sleep experience)

AI Market for Healthcare Applications,

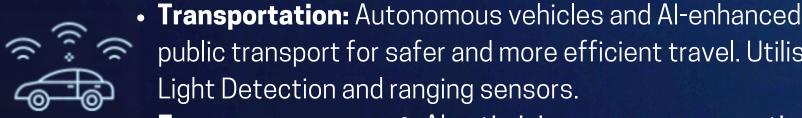
World, 2014, 2021.

0,000,000,000,000,000,000,000

- Offer fitness goals and track progress through weight loss, muscle & fat proportion and the overall benefit from exercise
- Diet plans in conjunction with human specialists tailored to suit the requirements of the person



- Smart Homes: Al could be used to manage home automation systems such as lighting, security, heating, etc.
- Al Assistants: Virtual assistants could be used to help with tasks, scheduling and reminders, taking stress off shoulders.



Light Detection and ranging sensors. • Energy management: Al optimising energy consumption in homes and businesses to reduce costs and environmental impact. Google DeepMind AI - Reduces energy consumption

public transport for safer and more efficient travel. Utilises



by predicting cooling needs



Doctor + Al listens to the patient's symptoms, conducts a physical examination, and takes medical history notes



Al technology processes the patient's health data, including medical history, current symptoms, and test results.



Doctors review the Al-generated analysis and integrate it with their clinical expertise to create a comprehensive medical report



Learn more about how Al is transforming different fields

Summai

Al has lots of potential. It compliments the Human skillset and

talents. It provides a more round the clock tracking approach, increasing consistency. When used correctly, AI can improve the overall experience of the average Australian in many aspects of life.

