

AI for IoT Resources

Natural Language Processing

Home care, blind disability services, zero skill computing, building automation, translation, voice search.

Google Home - https://store.google.com/au/product/google_home

Amazon Echo - <https://www.amazon.com/echo>

AI Robots

Robots with facial recognition and basic conversation skills.

Hanson Robotics - Sophia - <https://www.hansonrobotics.com/sophia/>

Logistics Robots

Robots to move inventory to match orders for packing.

Kiva Robot - <https://robohub.org/tag/kiva-systems/>

AI Digital Pathology

AI diagnostic for X Rays, CT scans, tissue slides, cancer detection, pathologist QA, treatment analysis.

<https://spectrum.ieee.org/biomedical/diagnostics/the-first-frontier-for-medical-ai-is-the-pathology-lab>

<https://www.deeplens.ai/>

<https://www.pathai.com/>

<https://www.philips.com.au/healthcare/solutions/pathology>

AI iKnife

Laser surgery and mass spectrometer of the smoke produced to confirm cancer cell removal in real time.

<https://www.medgadget.com/2013/07/college-of-london-iknife.html>

<https://spectrum.ieee.org/tech-talk/biomedical/devices/smart-knife-detects-cancer-in-seconds>

AI Cars

Self driving cars, buses, mining trucks and trains.

<https://www.australianmining.com.au/news/cat-autonomous-trucks-hit-one-billion-tonne-milestone/>

<https://navya.tech/en/>

<https://waymo.com/>

<https://www.digitaltrends.com/cool-tech/robot-train-australia/>

AI Store

Store with smartphone ID on entry, camera in store, tags on products, self fully automatic checkout.

https://en.wikipedia.org/wiki/Amazon_Go

<https://www.amazon.com/b?ie=UTF8&node=16008589011>

IoT Sports

GPS tracking on team performance. Track sportsperson speed, collisions, fatigue, injury recovery and trends.

<https://statsports.com/rugby/>

<https://www.catapultsports.com/products/gpsports-evo>

<https://www.playertek.com/aus/>

AI for Water

Solar powered floating mobile water monitoring with GPS. Multiple points water monitoring. Drinking water QA. QUT + Seqwater are using a SAAMI device - <https://www.qut.edu.au/news?id=143928>
<https://www.qut.edu.au/science-engineering/about/news?id=144031>

AI Farming

AI autonomous farm weed spraying based on a row of camera. Save on herbicide. Reduce runoff risks. Swarm Farm Robotics (QLD) - <http://www.swarmfarm.com/>

AI Weather

AI Weather Prediction for agriculture, disaster management, event planning, rainfall prediction flood prediction. IBM Deep Thunder - <https://www.ibm.com/ibm/history/ibm100/us/en/icons/deepthunder/transform/>
https://en.wikipedia.org/wiki/IBM_Deep_Thunder
<https://www.ibm.com/ibm/history/ibm100/us/en/icons/deepthunder/>

AI Chatbots

Chatbots for frequently asked questions, 24/7 responses in real time. Read existing documents & web pages.
<https://aws.amazon.com/lex/>
<https://azure.microsoft.com/en-au/services/bot-service/>
<https://developers.facebook.com/docs/workplace/integrations/custom-integrations/bots>

AI Financial Trading

AI for big data financial trades. Faster than human analysis. Build your own algorithm.
<https://www.quantiacs.com/>
<https://www.virtu.com/>
<https://algorithmictrading.net/>

Facial Recognition Payments

Visual and thermal facial recognition linked to digital payments.
<https://www.gemalto.com/review/Pages/KFC-use-facial-recognition-for-payment-in-China.aspx>
<https://www.it-consultis.com/blog/facial-recognition-future-mobile-payments-china>

AI Insurance with IoT

Car Insurance premium based on vehicle IoT data.
<https://www.directline.com/int>
<https://www.directline.com/car-cover/black-box>
<https://www.postscapes.com/connected-car-devices/>

Life Saving Drones

Drones for swimmer, shark, surfer, dolphin, stingray detection. Drones for floatation device deployment.
<https://thelittleripper.com.au/>

Skills for Artificial Intelligence

<https://iotify.io/top-10-iot-skillsets-for-developer/>
<https://www.techrepublic.com/article/here-are-the-10-most-in-demand-ai-skills-and-how-to-develop-them/>