

On Shoulders of Giants



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In order to envision a better future, we need to have a deep understanding and insight. This is why tools were created that enable us to understand, to gain insight. Here are a few noteworthy examples:



recognizable cave





language (Sumerian)

First written



polished rock crystal to magnify











212 BCE

Archimedes.

optical refraction



shadow and

mirror projectors

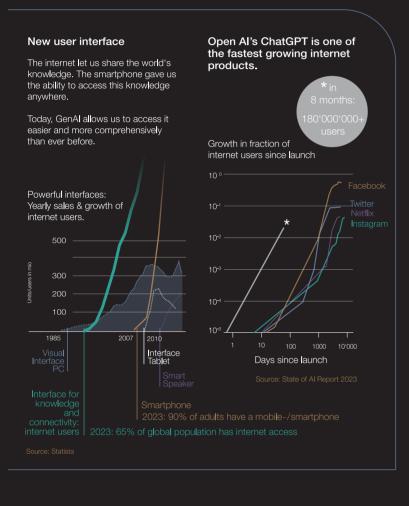


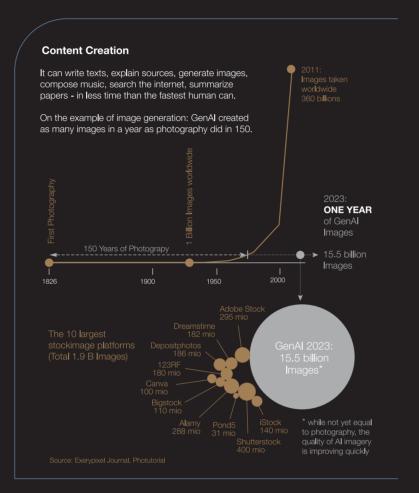
far-sightedness

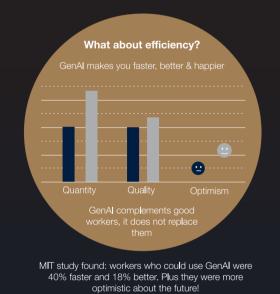
See our curated inventions

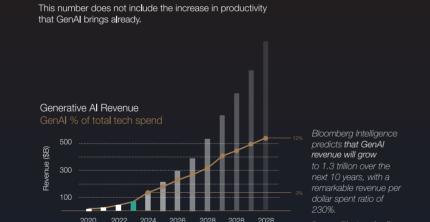
There is a new milestone rising:

GenAl



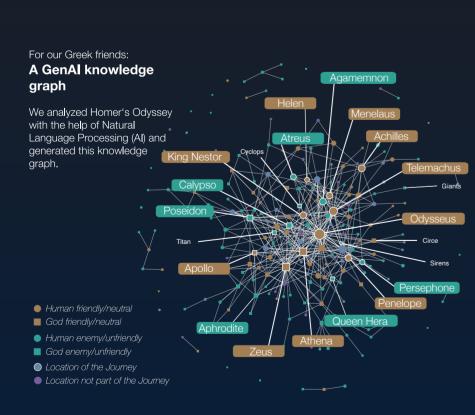


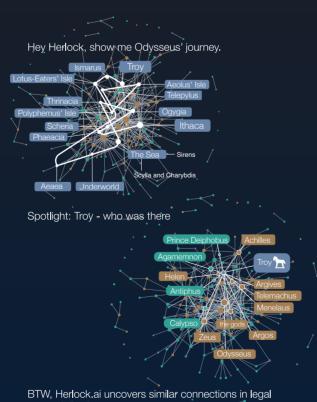




What it means for business:

Today, the GenAl market is estimated to be 40 billion USD.





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Wherever you celebrate, we wish you a Merry Christmas and a Happy New Year!



Vision aids

understanding (be they physical or digital).

look closer

- 1590 Zacharias and Hans Jansen develop first compound microscope

- 1896 Camera on unmanned aerial vehicle

Mathematical

- 1637 Imaginary number 'i' formally defined
- 1662 Statistical estimation of population
- 1675 Discovery of calculus by Leibniz and Newton
- 1686 Three laws of motion, Newton 1710 Mathematical significance test, statistics
- 1727 Euler Constant 'e'
- 1824 Braille: tactile writing system
- 1837 Mechanical, general-purpose computer invented
- 1945 First electonic computer, ENIAC
- 1952 First speech recognition software
- 1967 Computer pattern recognition algorithm
- 1967 First chatbot, rule-based
- 1991 Statistical image recognition
- 2008 General computer vision

2014 Deep learning computer vision

Forecast / Predictions

New perspective

- **1543** Heliocentric theory proposed by Copernicus
- 1783 First manned flight, hot air balloon —

- 1926 First liquid-fuelled rocket launch —

- 2022 ChatGPT, talk to the internet -

Technical

- 1991 Internet goes public

2021 James Webb Space Telescope

Image Processing



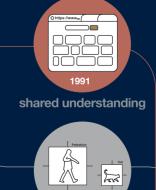




see more



calculate the world







see though time

beginning of a great adventure

1700