



Opportunities for Web Science

From local to global

What is the Web?





**-150,000,000
to -4000 BCE**

Stegosaurus

-145,000,000

Tyrannosaurus Rex

-67,000,000

First Humans

-400,000

**-4000
to -1000 BCE**

Wheeled Cart

-3350

Papyrus

-3000

Pyramid of Giza

-2560

**-1000 BCE
to 1000 CE**

Gunpowder

-900

Roman Coliseum

70

Paper Invented in China

105

**1000
to 1900 CE**

Printing Press (China)

1045

Printing Press (Europe)

1450

Revolver

1836

Car

1885

**1900
to 2000 CE**

Wright Bros. Fly

1903

Penicillin

1928

Atomic Bomb

1942

Moon Landing

1969

WORLD-WIDE-WEB

ARPANET

ETHERNET

ebay

Java

iTunes

facebook.

bing

?

LYCOS

Aol.



tumblr.



1969 1973 1976 1982 1990 1994 1995 1998 1999 2003 2004 2005 2007 2009 2010 2012 2014

INTERNET

Google



You Tube

?

FTP & TCP/IP

Netscape

YAHOO!

amazon.com

myspace.com

napster



Problem solving....

UBER

Serendipity

(n.) finding something beautiful
without looking for it.

BUILDING THE FUTURE

2021

THE ULTIMATE ANSWER
TO LIFE, THE UNIVERSE
AND EVERYTHING IS:

42

?

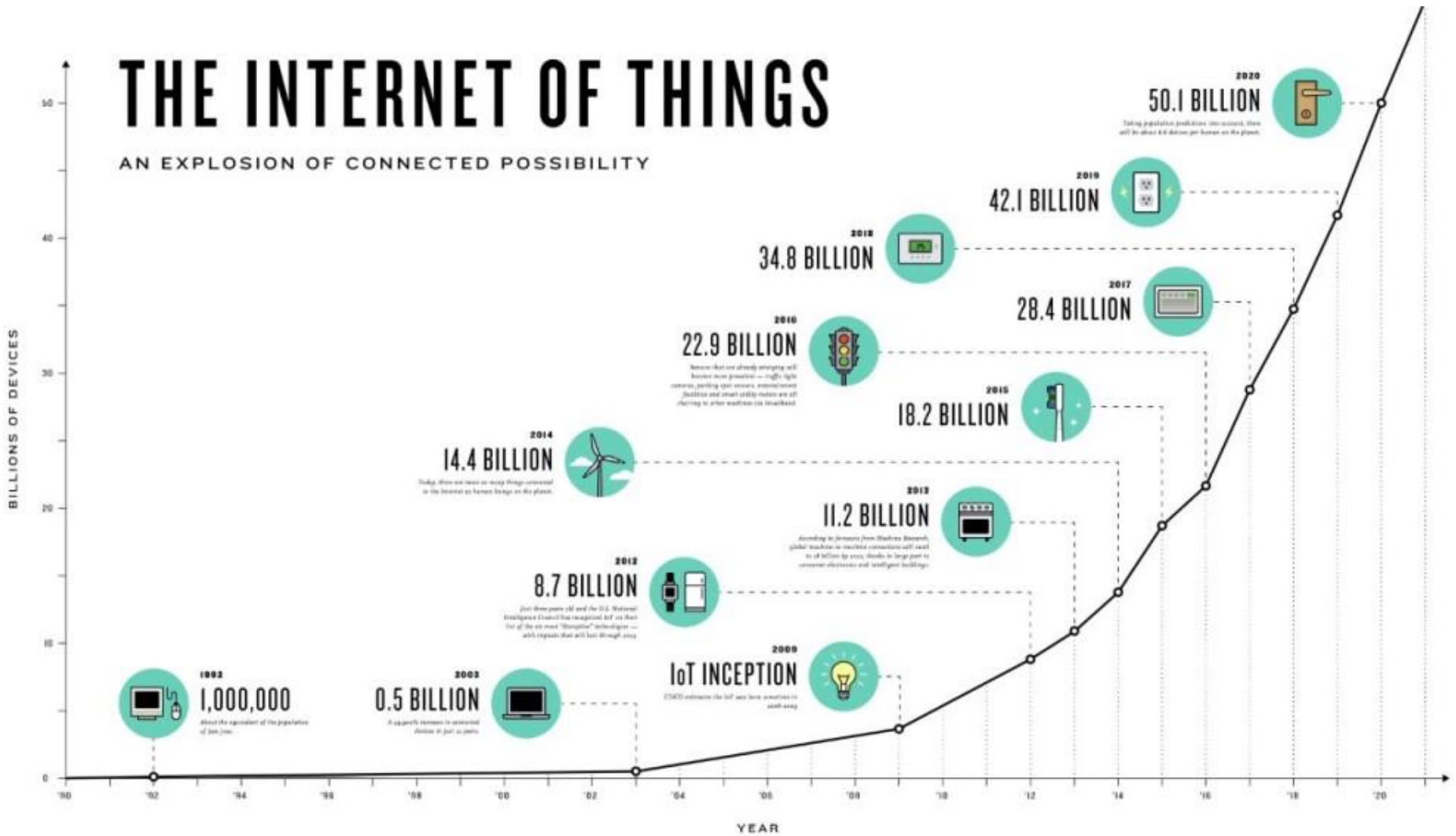
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(!)

THE INTERNET OF THINGS

AN EXPLOSION OF CONNECTED POSSIBILITY



BIG DATA

FOR A MORE RESILIENT FUTURE



OPEN

for Business