2016 Mathematics Awareness Month

The Future of Prediction

TELEPHONES

WATCHES

COMPUTERS

INTERNET OF THINGS

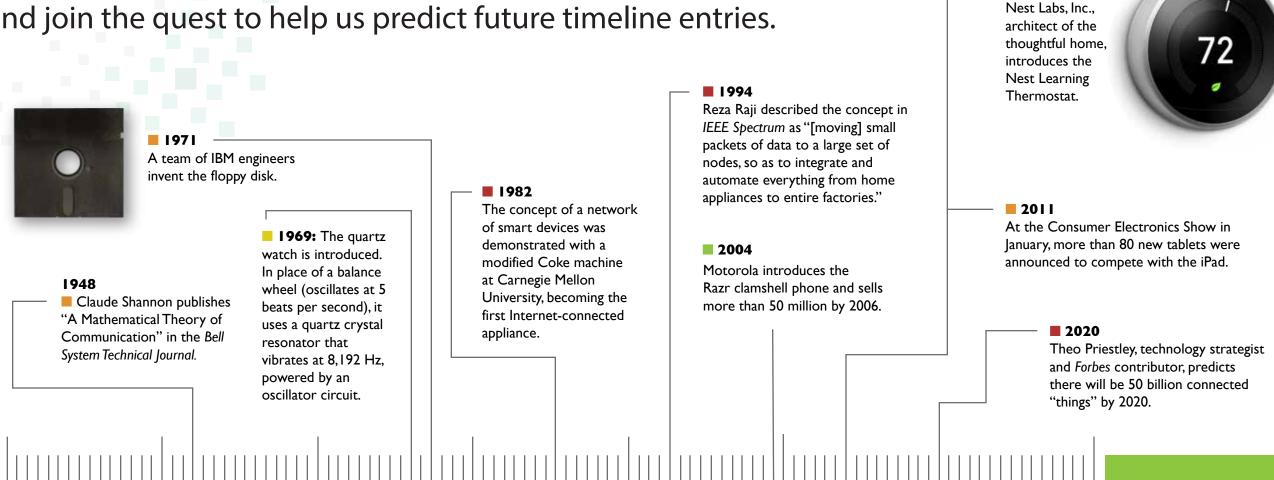
Yogi Berra, paraphrasing Niels Bohr, said "It's tough to make predictions, especially about the future." Throughout Mathematics Awareness Month 2016, we will explore how mathematics and statistics are the future of prediction, providing insights and driving innovation. During the month, we will be asking the question, "What's next?" and exploring how mathematicians and statisticians contribute to the future. So, visit the website and join the quest to help us predict future timeline entries.

"Want to make accurate predictions? Get lucky, get psychic, or get data! Good data + great statistical methods = great future for prediction!"

JESSICA UTTS, 2016 American Statistical Assocation President

JOIN THE DISCUSSION! What does the "Future of Prediction" mean to you? Share your thoughts by tweeting @mathaware or sharing on www.mathaware.org

2011



1990

1985

Microsoft

introduces

operating

system.

the Windows

■ 1876
Alexander Graham Bell is granted
U.S. Patent 174,465 for his
"Improvement in Telegraphy."

■ 193
rotary
become

1900

Finnish inventor Eric Tigerstedt

files a patent for a "pocket-size

folding telephone with a very

thin carbon microphone."

875



1924

successful

self-winding

watch system.

1915

1930

John Harwood

invents the first

"The industrial revolution has become the information revolution, with mathematics and statistics as the power tools of a new economy. Phones now predict when you will get home. Search engines predict the spread of disease. Numerical models predict the weather. Math makes new inventions possible."

FRANCIS SU, 2016 Mathematical Association of America President

■ 1963

American Telephone
& Telegraph Company
(AT&T) introduces the
push-button telephone

960

Two University of Pennsylvania professors create the Electronic Numerical Integrator and Calculator (ENIAC)—the "grandfather" of digital computers. The machine filled a 20-foot by 40-foot room.

1945



company roduces the n telephone.

1974
Personal computers begin to hit

Casio creates the Databank, a calculator watch that can store appointments, names, addresses, and phone numbers.

1975



market.

2007Apple's Steve

Jobs introduces

the iPhone.

2005

■ 1999
The term "Interne of Things" was coined by British entrepreneur Kevin Ashton.

Wearable tech goes big. Fitness trackers (such as the FitBit Flex, shown) and smart watches gain mainstream popularity.

2020

2015

Apple releases

the Apple Watch.

Timex introduces the Datalink—a watch that can wirelessly transfer data to a PC.

WHAT'S NEXT?

PARTICIPATE ONLINE
TO GET THE MOST
OUT OF MATHEMATICS
AWARENESS MONTH

Visit the website to:

- Explore the mathematics and statistics that power prediction
- Participate in weekly challenges
- Ask an expert a question
- Submit your "Future of Prediction" video

www.mathaware.org