



Managing Cyber from Yesterday into Tomorrow!

presented to:

5th Annual Cyber Southwest Symposium

by:

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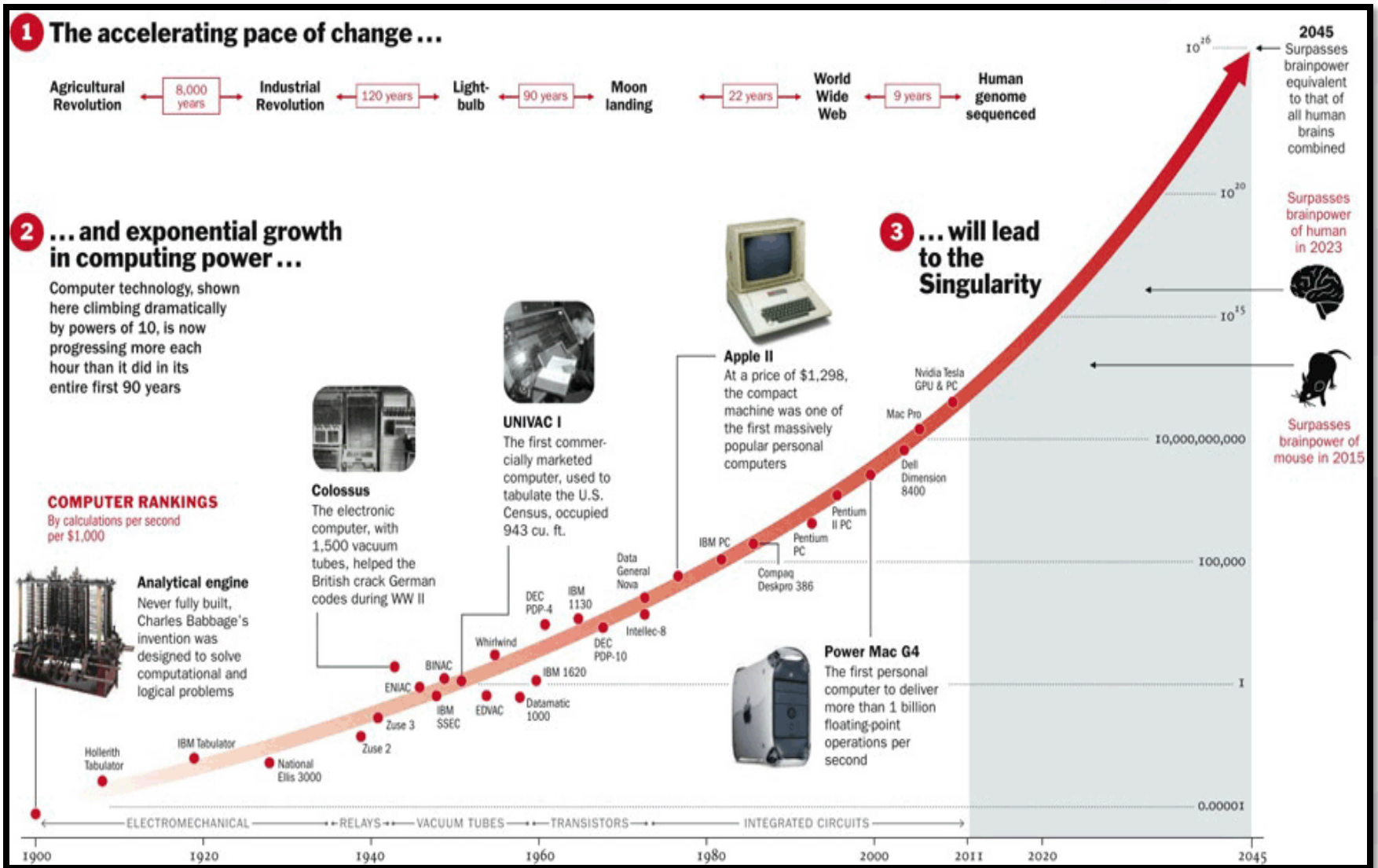
August 28, 2020

My history with IT



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Is Moore's Law Dead?



Tech 2000-2010

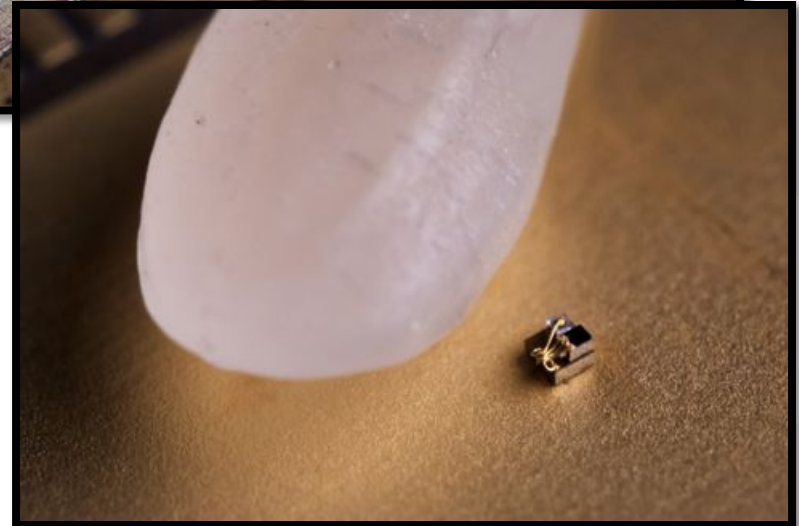
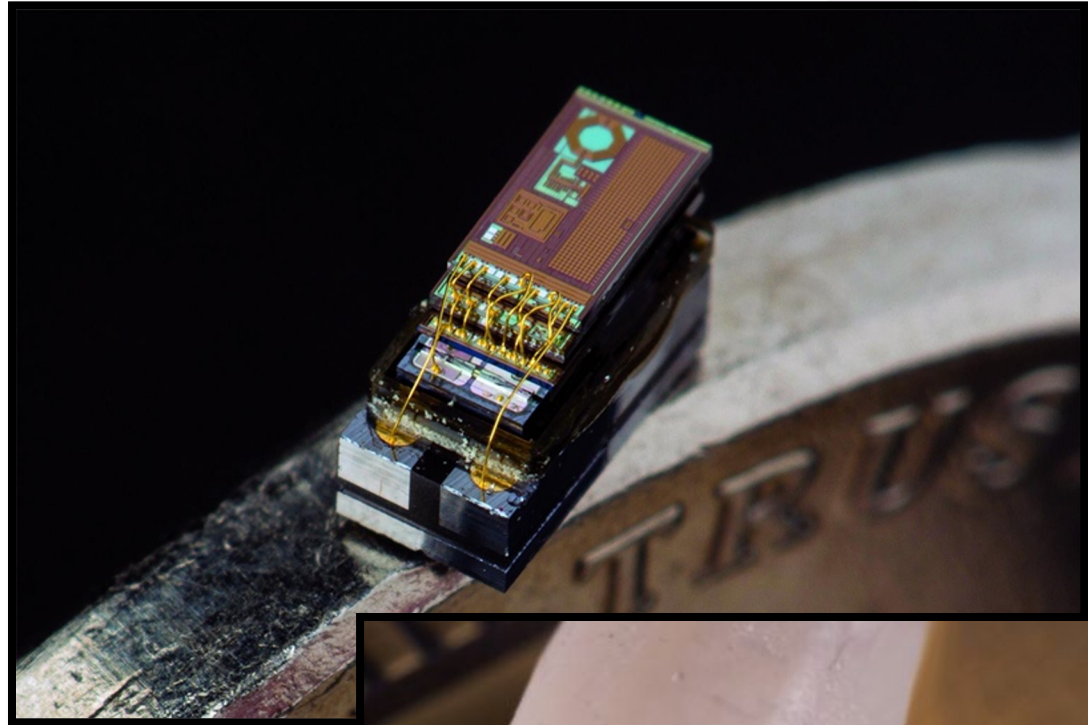
The Sims
First camera phone
PlayStation 2 (PS2)
USB Flash Drive
Apple / MacOS
Xbox
Dot Com Boom/Bust
Blue-Ray
MySpace
World of Warcraft
Google
YouTube
Anonymous “Hacktivist”

Web 2.0
Autonomous Vehicle - DARPA
Facebook
Nintindo Wii
WikiLeaks
DropBox
1T Hard Drives
Hulu
Kindle
Smart Phones (iPhone)
Minecraft
Crypto Currency

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Tech 2010-2020

IBM Watson
iPad
Cloud Services
(Adobe, Office 365, etc...)
Internet of Things (IoT)
Siri
Edward Snowden
SnapChat
Xbox One
PlayStation 4 (PS4)
Apple Pay
HTML 5
Heartbleed Bug
Sony Hack – “The Interview” North Korea
or ???
Wearables (Apple Watch, FitBit, etc...)



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Technology Management 2000-2020

Infrastructure

Processor Speed

Memory Size

Defending Security Threats

Big Data - Turning data into Knowledge

Data Protection

Cloud Security

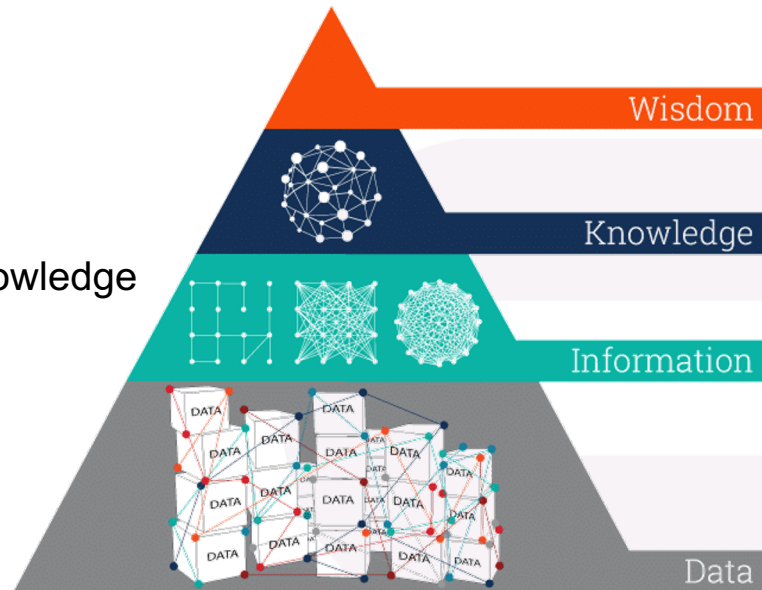
Cybersecurity

Storage of data

Physical to Virtual Migrations

Virtual Desktop Environments (VDI)

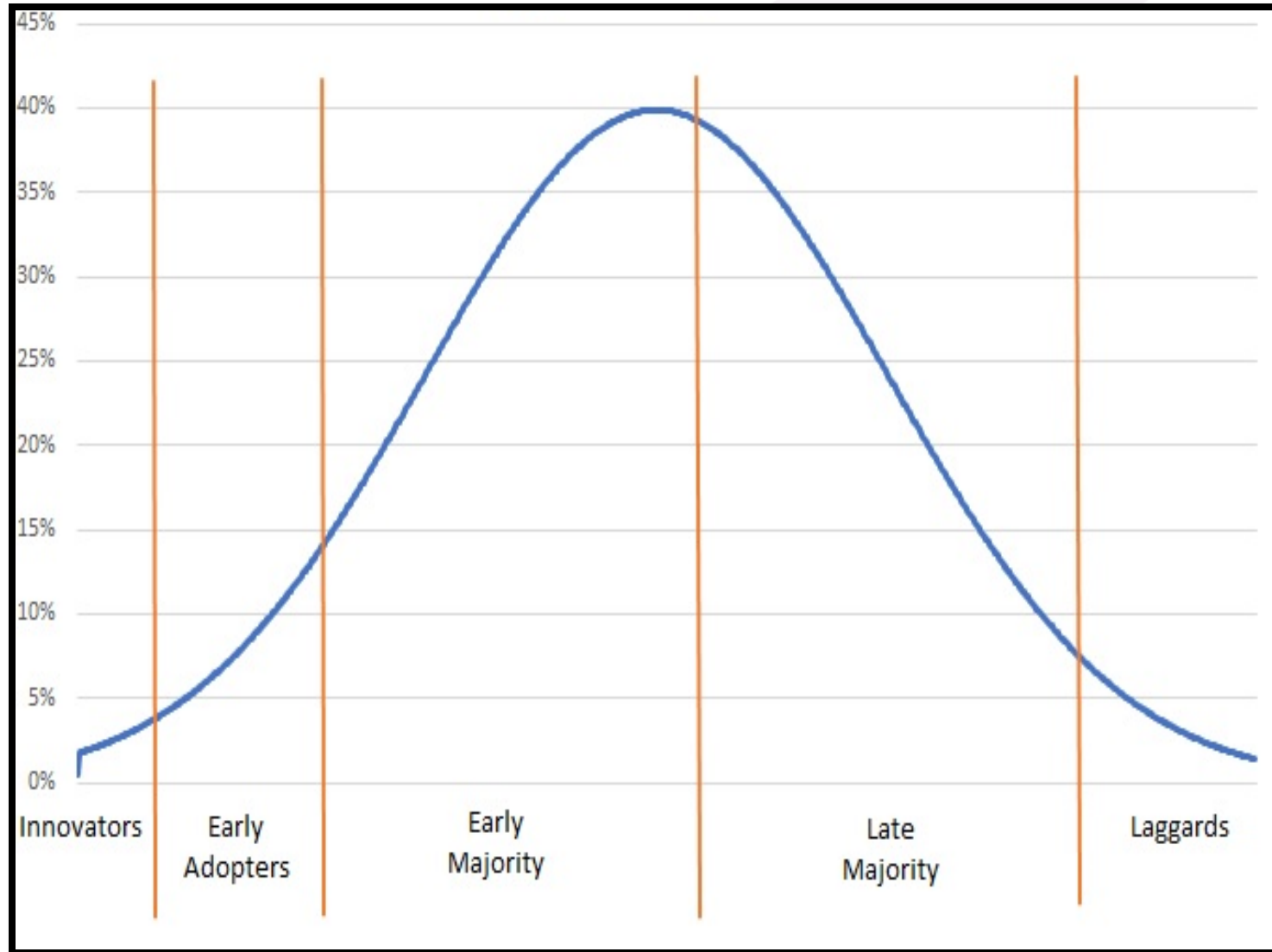
Software as a Service (SaaS)



Each step up
the pyramid
answers
questions
about and
adds value
to the initial data.

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Technology Adoption Curve

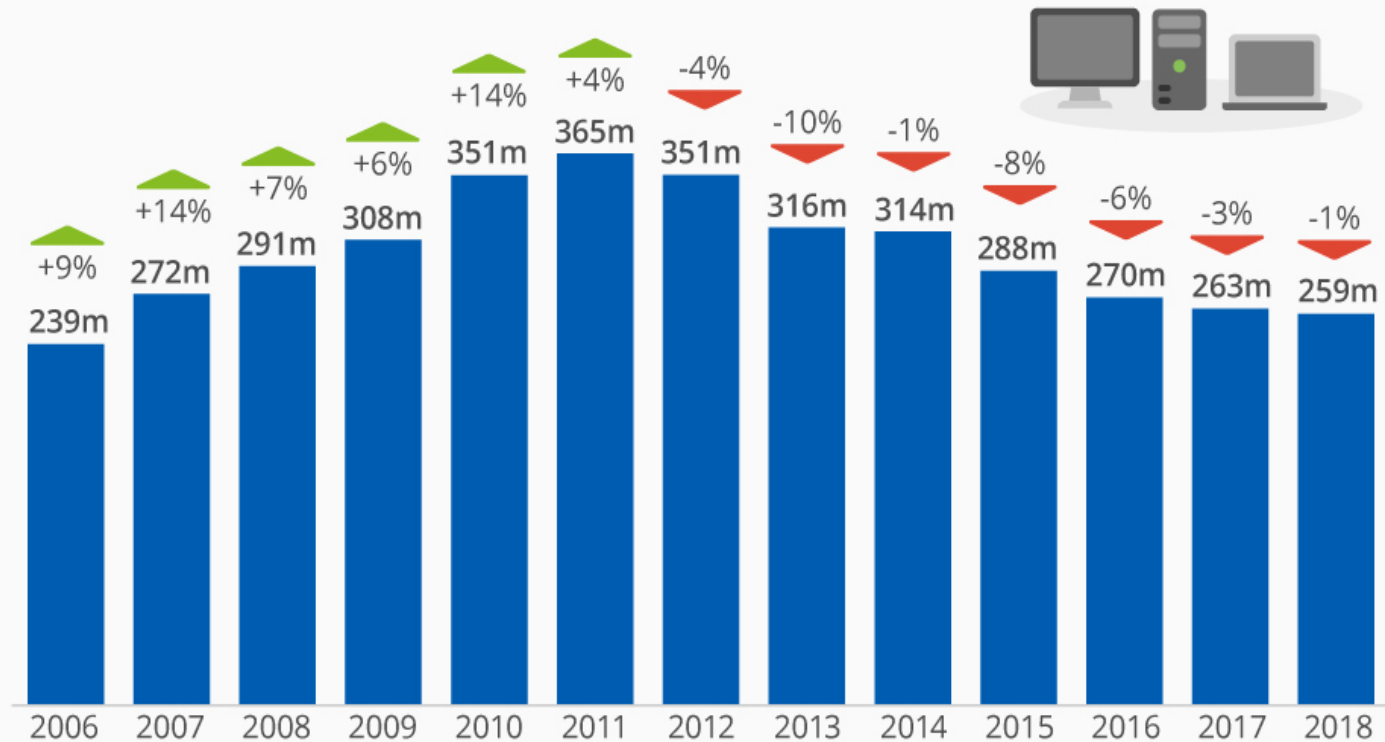


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PC Market

PC Market Shrinks For the Seventh Consecutive Year

Estimated worldwide PC shipments from 2006 to 2018*



@StatistaCharts

* incl. desk-based PCs, notebook PCs and ultramobile premiums
(e.g. Microsoft Surface), but NOT Chromebooks, iPads or other tablets.

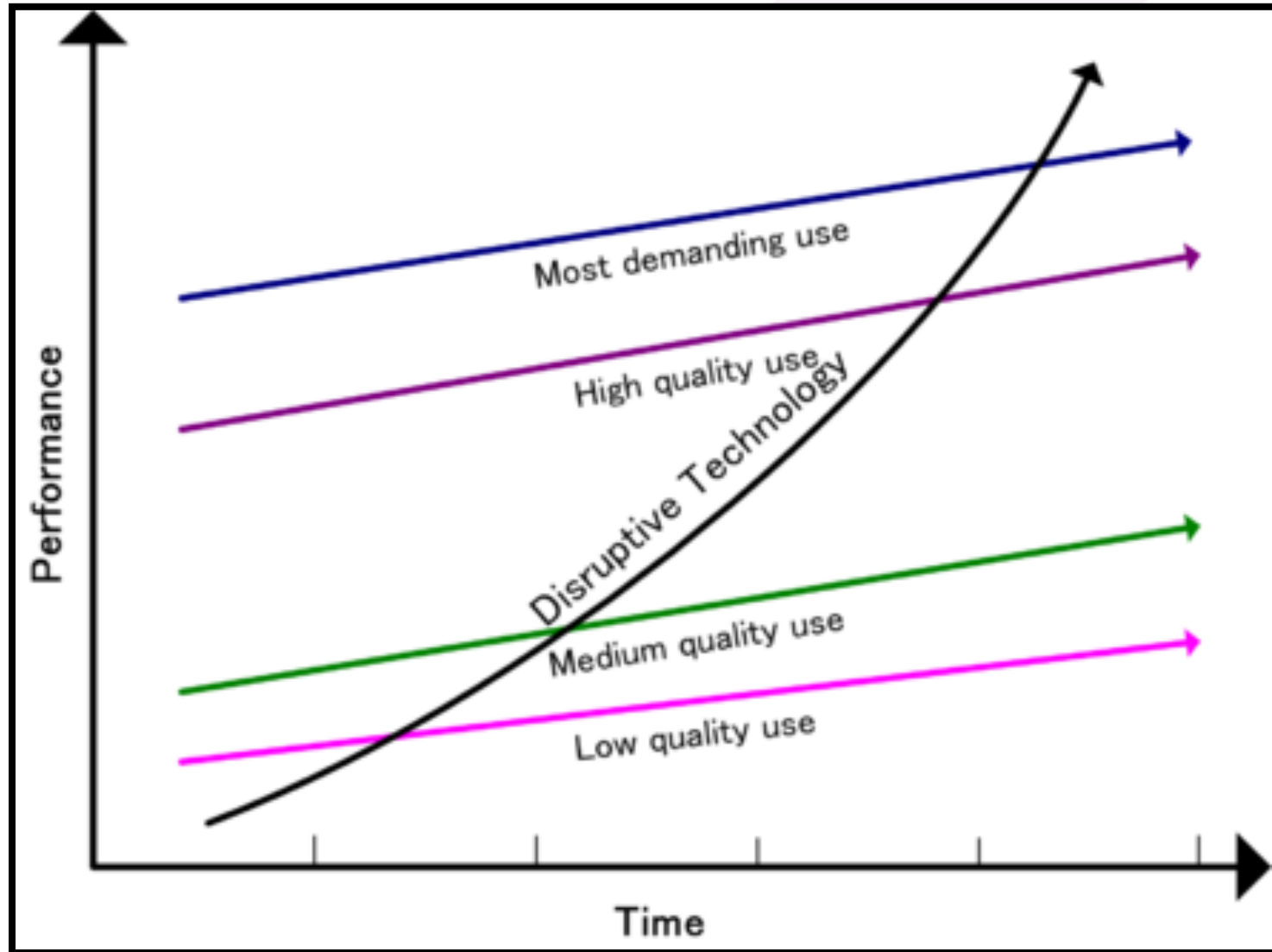
Source: Gartner

statista

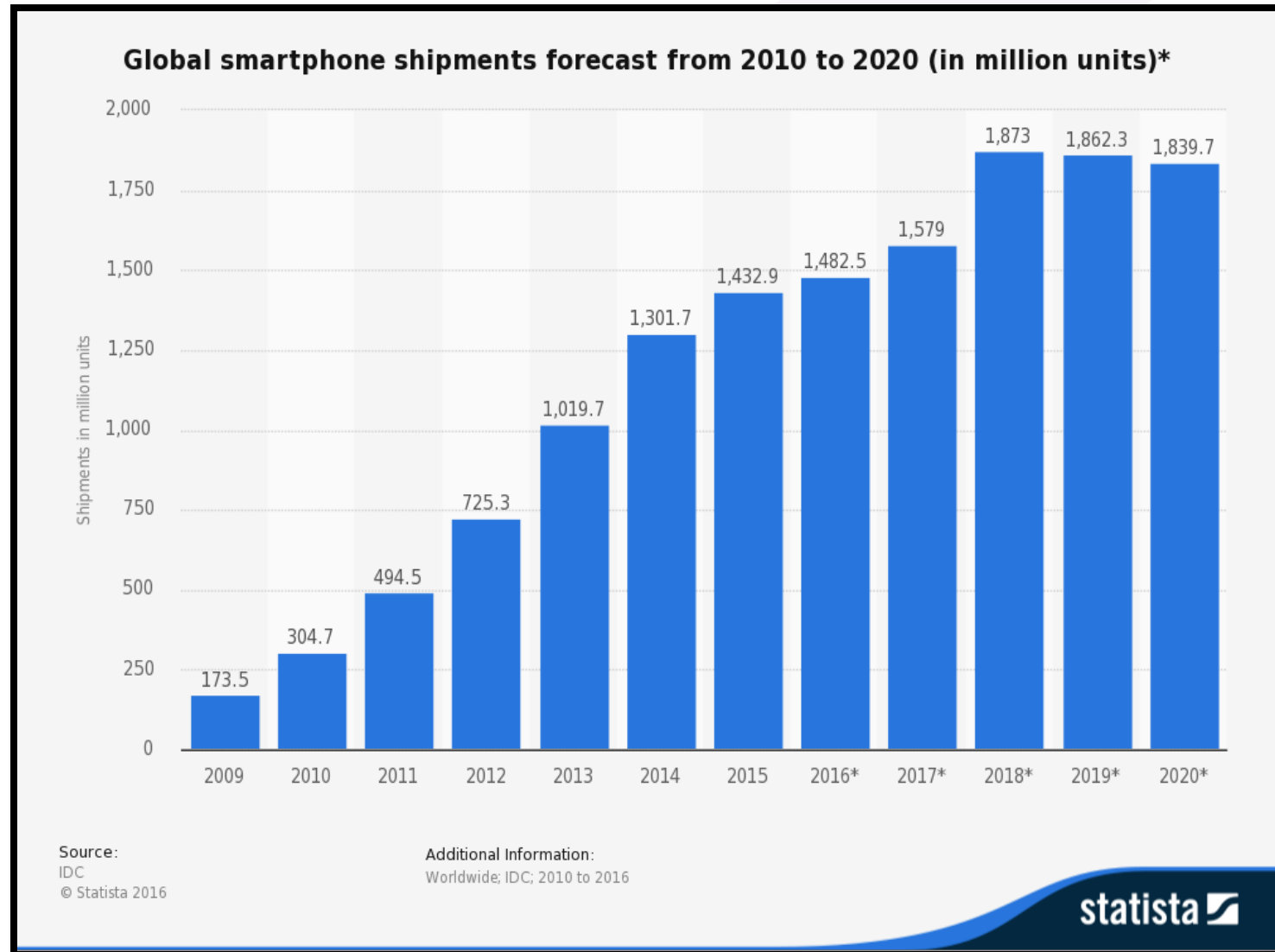


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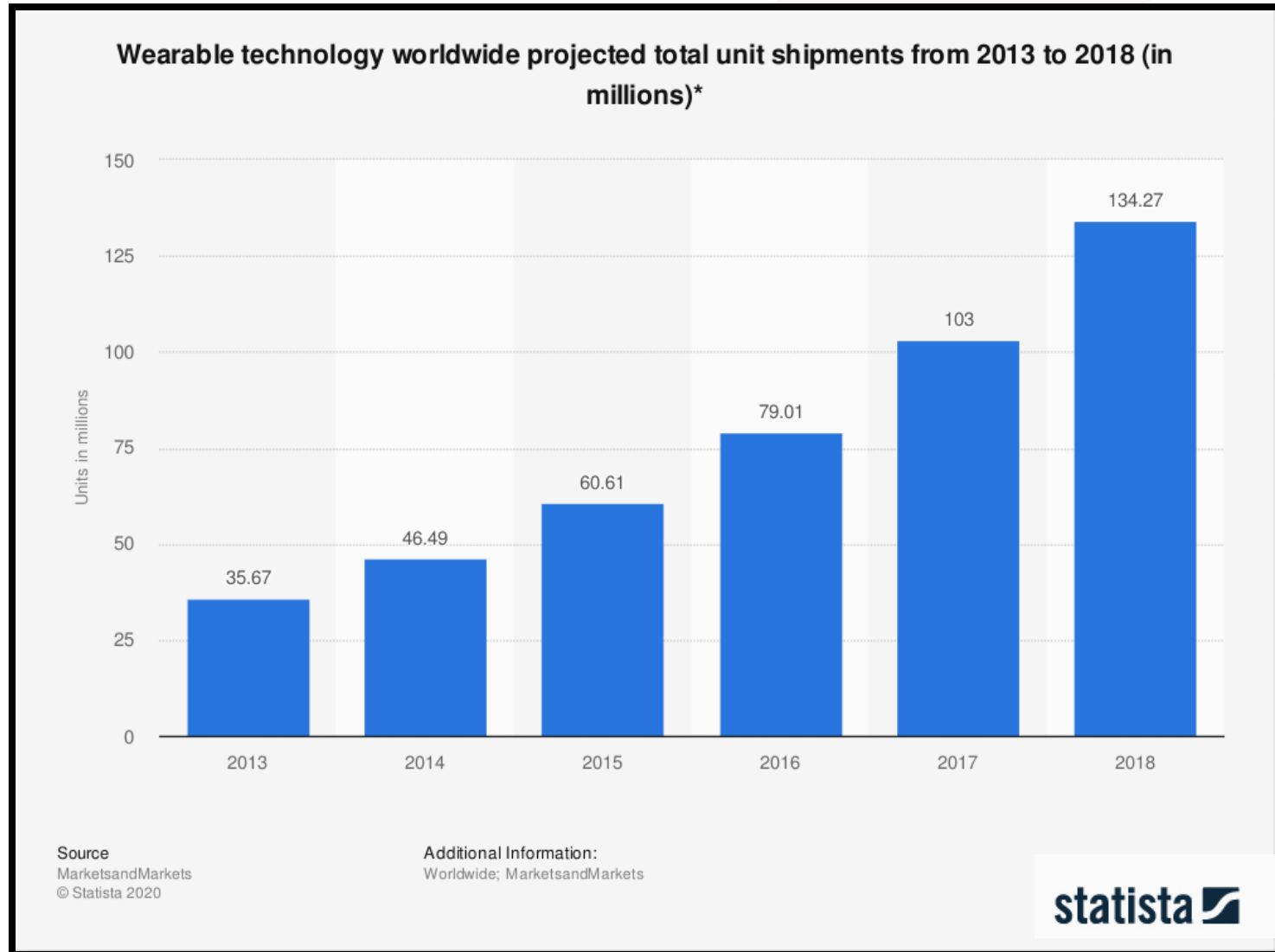
Disruptive Technology



Smartphone Market



Wearable Market Share

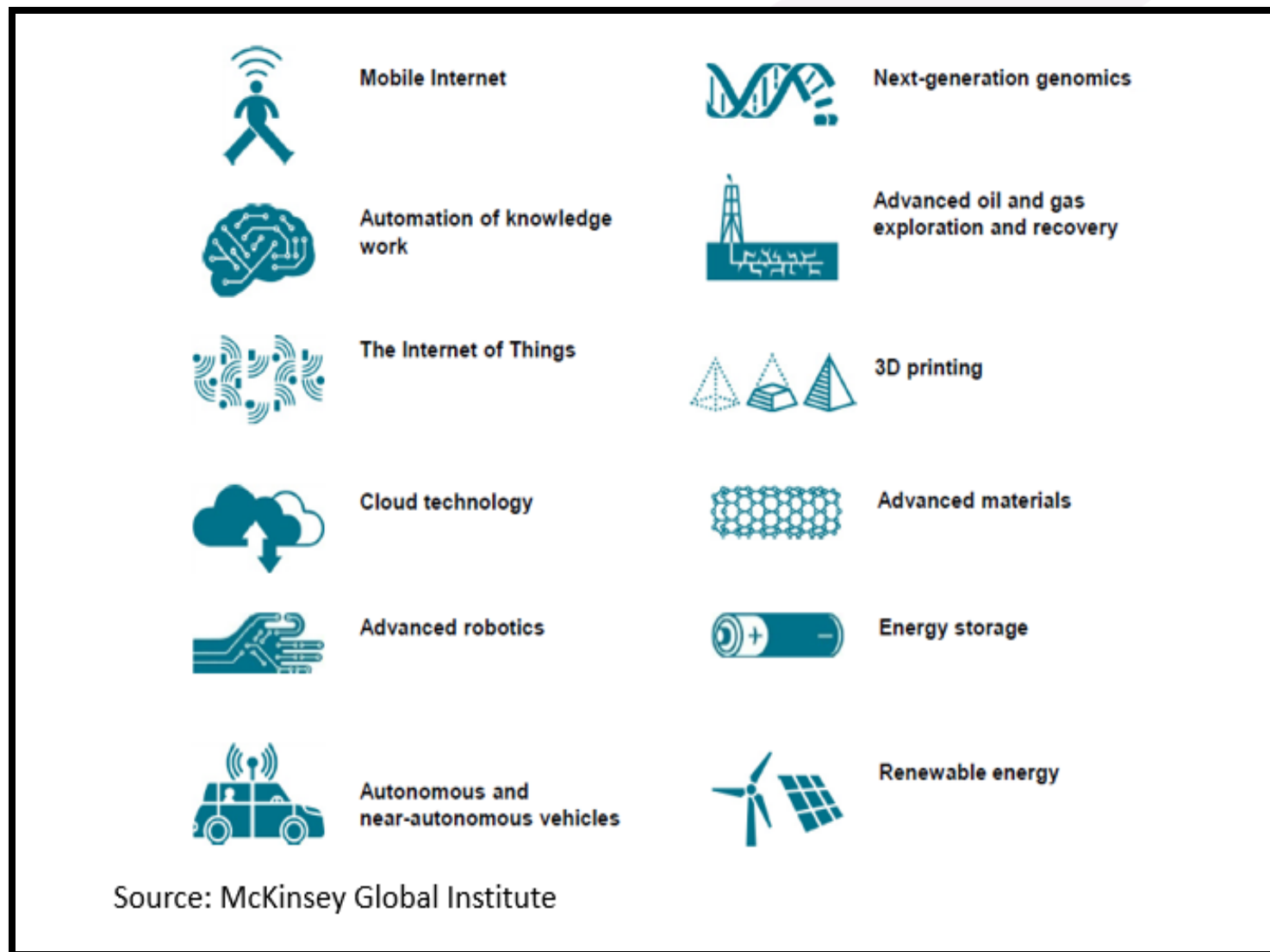


What does the future hold?



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12 Disruptive Technologies



Technology Management 2020-2040

Infrastructure (Mobile/Wireless)

Defending Security Threats

Persuading Security Threats

Data Protection

Analyzing and understanding vast amounts of data

Leveraging AI to accomplish what humans can't or don't want to do.

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Questions & Answers



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