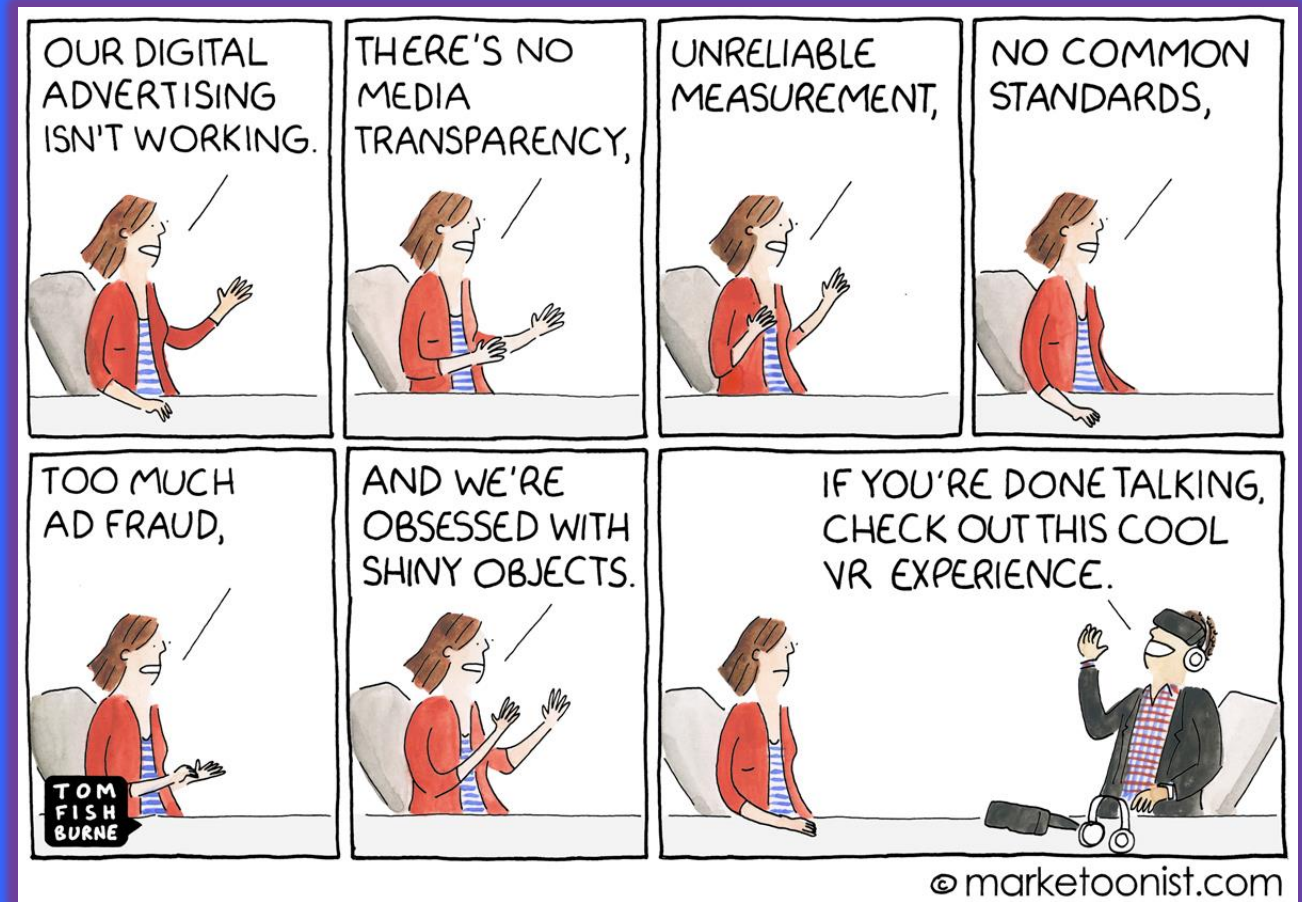


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Digital Disruption 03. Digital Technologies Ratings



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OUTLINE. Digital Disruption

01
Introduction & Concept

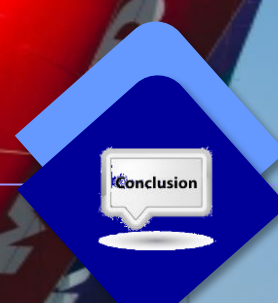
02
Digital Transformation

03
Digital Leadership

04
Digital Technologies Rating

05
Impact of Digital Technologies on Education

06
Summary and Conclusions



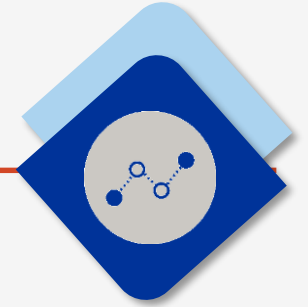
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OUTLINE. Digital Disruption





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Digital Technologies Ratings

A rating is a classification or ranking of someone or something based on a comparative assessment of their quality, standard, or performance. Why do we want to understand digital technologies ratings or rankings?

We can classify digital technologies by the degree of importance given by the people who are using it or are studying to use it in the near future

We can classify digital technologies by the level of investments in each of them.

We can classify digital technologies by industry or economic sector potential

We can classify digital technologies by the good impact in our quest to become good societies.

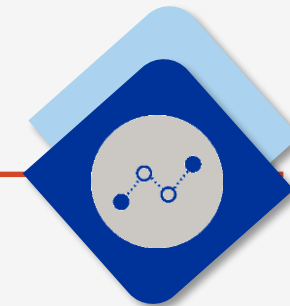
We can classify digital technologies by the level of potential damage or harm to our future.

We can classify digital technologies by failure.

We can classify digital technologies by how it will impact their operational value chain.



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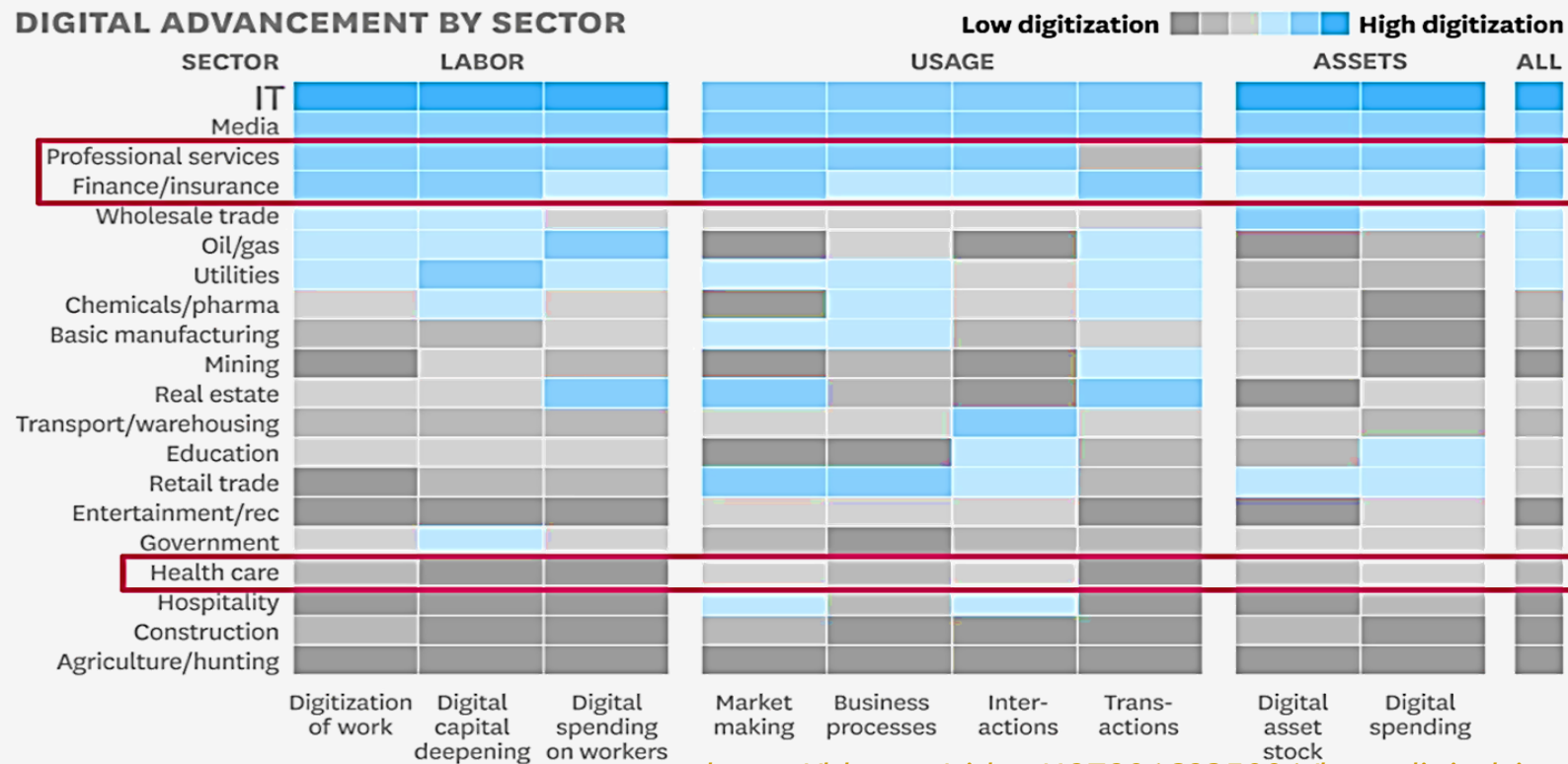
Digital Technologies Ratings

How digital advanced is your industry?

 **HBR** Video

Rankings are prepared by the eyes of the beholder. It is healthy to diagnose them properly.

DIGITAL ADVANCEMENT BY SECTOR



<https://hbr.org/video/4878016835001/how-digital-is-your-industry>

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Digital Technologies Ratings

How digital advanced is your sector?



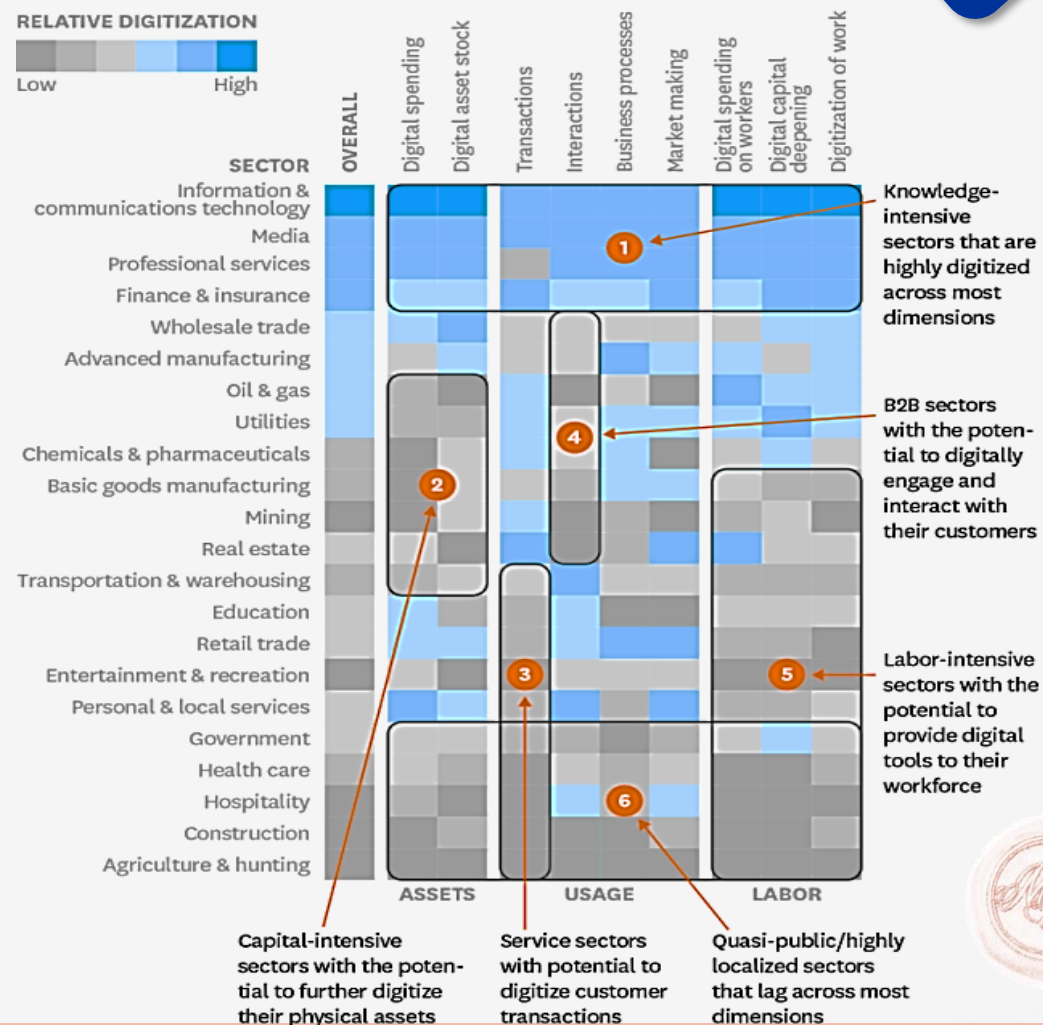
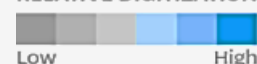
Sources: <https://www.mckinsey.com/mgi/overview/in-the-news/which-industries-are-the-most-digital>

<https://hbr.org/2016/04/a-chart-that-shows-which-industries-are-the-most-digital-and-why>

How Digitally Advanced Is Your Sector?

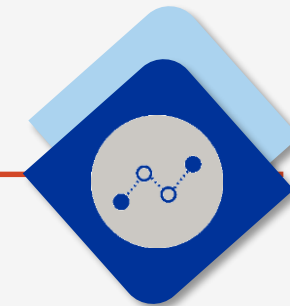
An analysis of digital assets, usage, and labor.

RELATIVE DIGITIZATION





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Digital Technologies Ratings

**What happens in an internet minute?
According to Lori Lewis and Chadd
Callahan of Cumulus Media this is the
graph:**

This graph is quite interesting.
Nevertheless its data accuracy has to be
reviewed.

2018 *This Is What Happens In An Internet Minute*

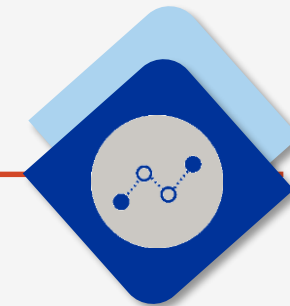


<http://www.visualcapitalist.com/internet-minute-2018/>

Created By:
@LoriLewis
@OfficiallyChadd



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Digital Technologies Ratings

Some countries are more prepared than others to become digital. This is a geography classification.

The top 10 countries harnessing information technology	
Networked Readiness Index 2016	
	Global rank*
Singapore	1
Finland	2
Sweden	3
Norway	4
United States	5
Netherlands	6
Switzerland	7
United Kingdom	8
Luxembourg	9
Japan	10

Source: World Economic Forum 2016
*2016 rank out of 139 economies.
The index measures how economies use the opportunities offered by information and communications technologies for increased competitiveness and well-being.

Which government is the most tech-savvy?*	
Networked Readiness Index 2016: indicator focus	
	Global rank*
Singapore	1
United Arab Emirates	2
Bahrain	3
Korea, Rep.	4
Qatar	5
Malaysia	6
Japan	7
Estonia	8
Luxembourg	9
United Kingdom	10

Source: World Economic Forum 2016
*Government efficacy in promoting information and communication technologies and providing online services to the population
2016 rank out of 139 economies.



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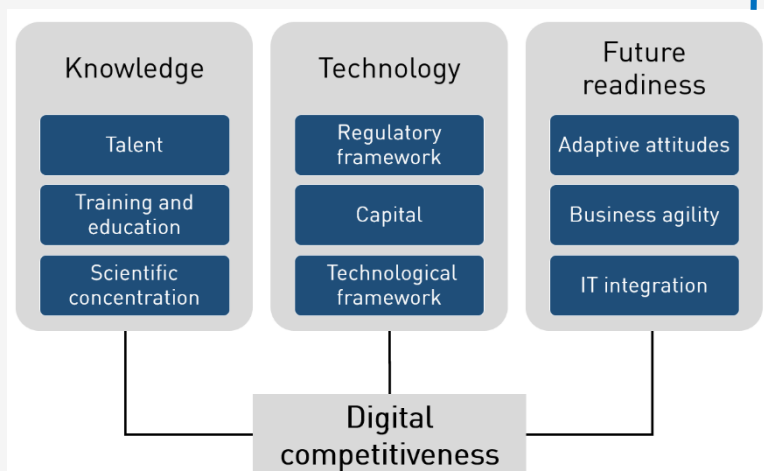
IMD WORLD COMPETITIVENESS CENTER

The 2017 IMD
World Digital Competitiveness
Ranking | Top performers



Digital Technologies Ratings

Another classification is the recent one made by IMD, the World Digital Competitiveness Ranking.

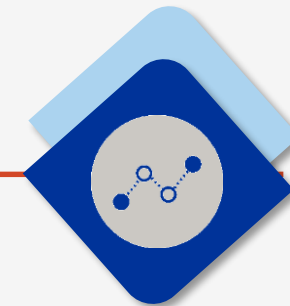


Knowledge	Technology	Future Readiness
1	1	6
2	5	5
5	6	2
9	4	4
8	10	1
11	9	3
6	3	17
4	8	13
3	13	8
15	2	12

	Overall	
Singapore	1	
Sweden	2	
USA	3	
Finland	4	
Denmark	5	
Netherlands	6	
Hong Kong SAR	7	
Switzerland	8	
Canada	9	
Norway	10	



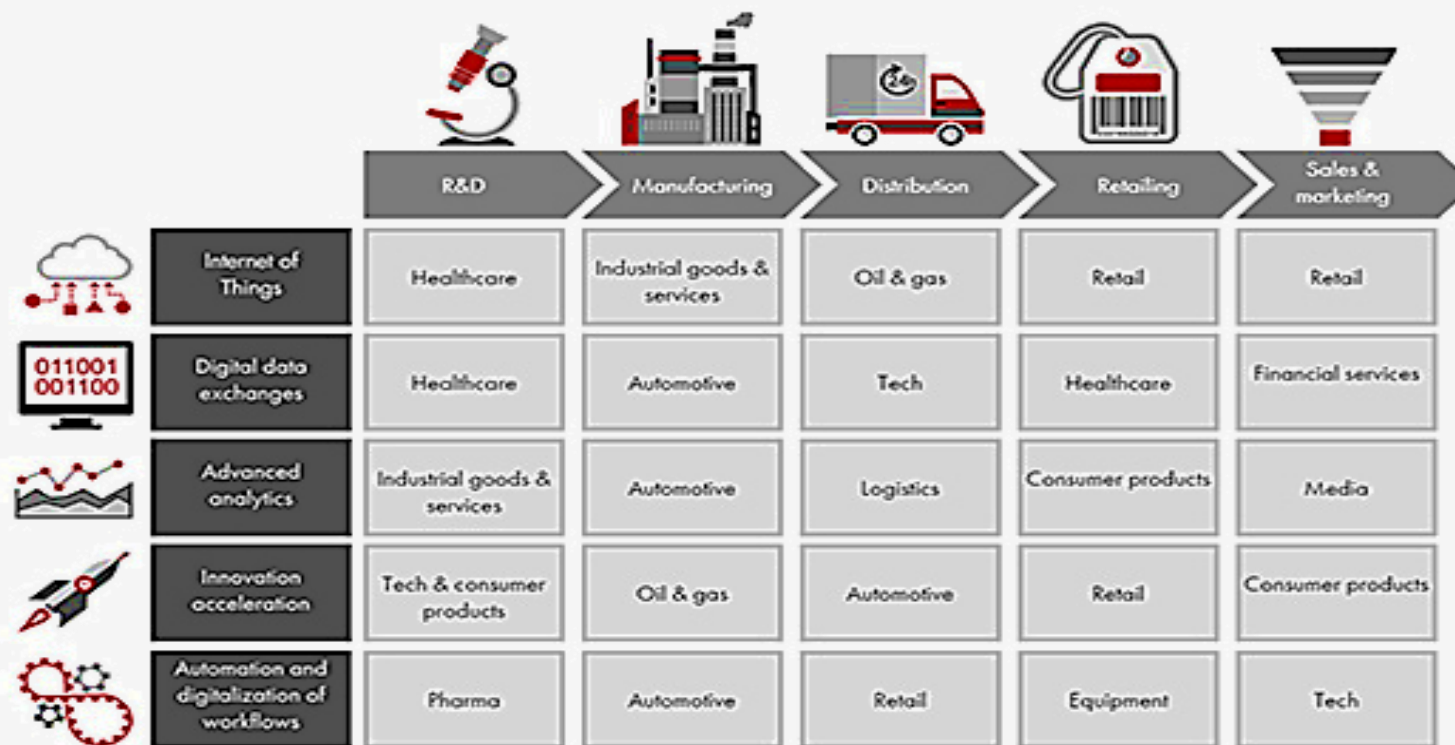
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Digital Technologies Ratings

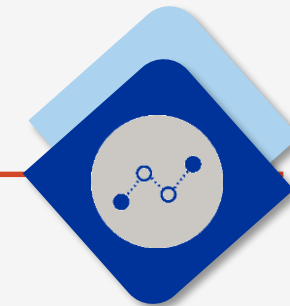
Digital technologies classification by type of industries using them at their value chains...

Explore how companies are using digital to change the way their businesses and operations are run





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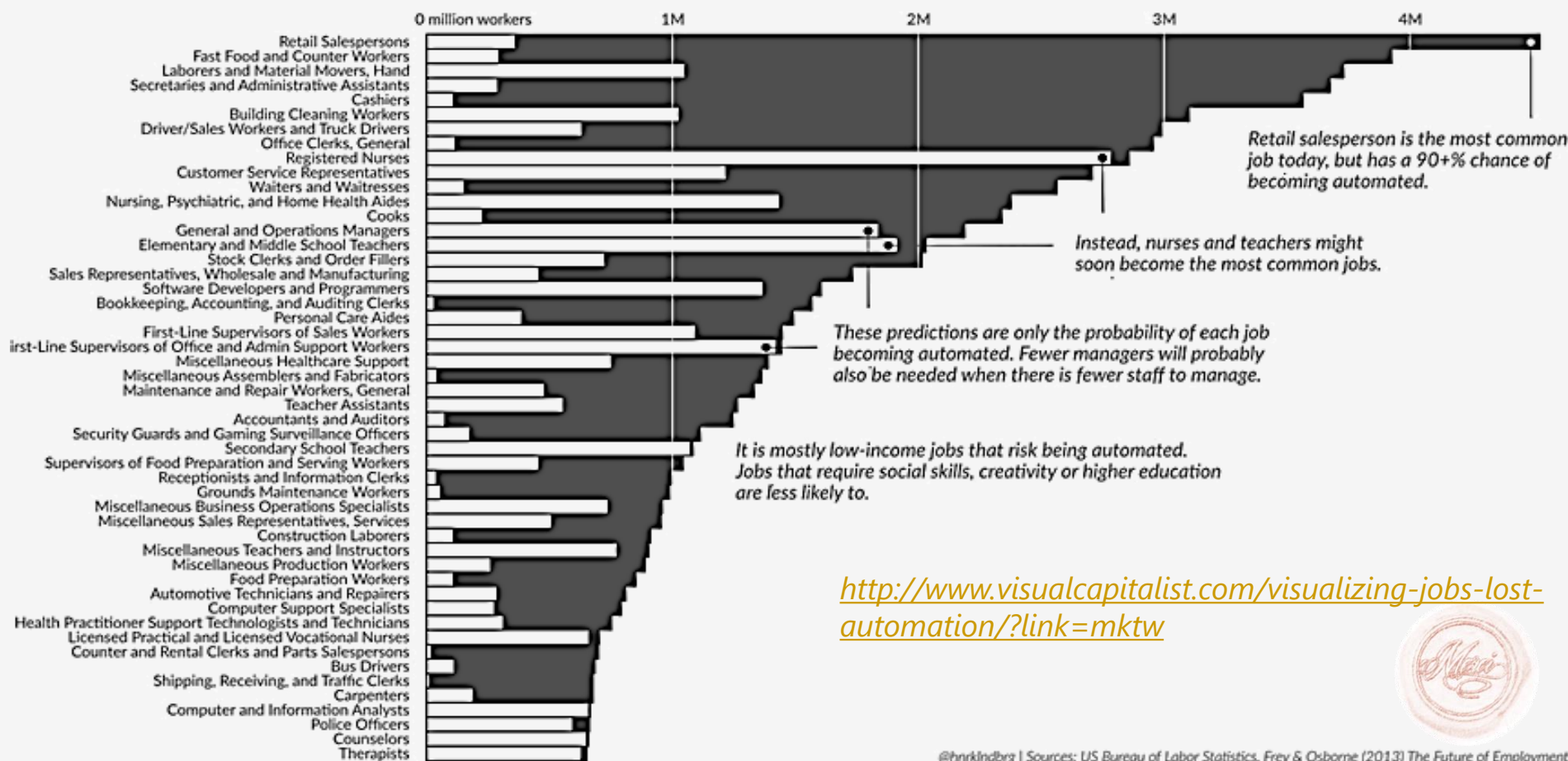
Digital Technologies Ratings

Digital technologies, will replace several jobs.

About half of today's jobs will likely be done by computers in a decade or two.

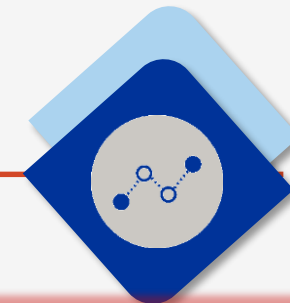
Data: US Employment Statistics by Frey and Osborne, US Bureau of Labor Statistics (2013)

- **Black** fields are jobs likely to be automated
- **White** fields are jobs that are likely to remain.



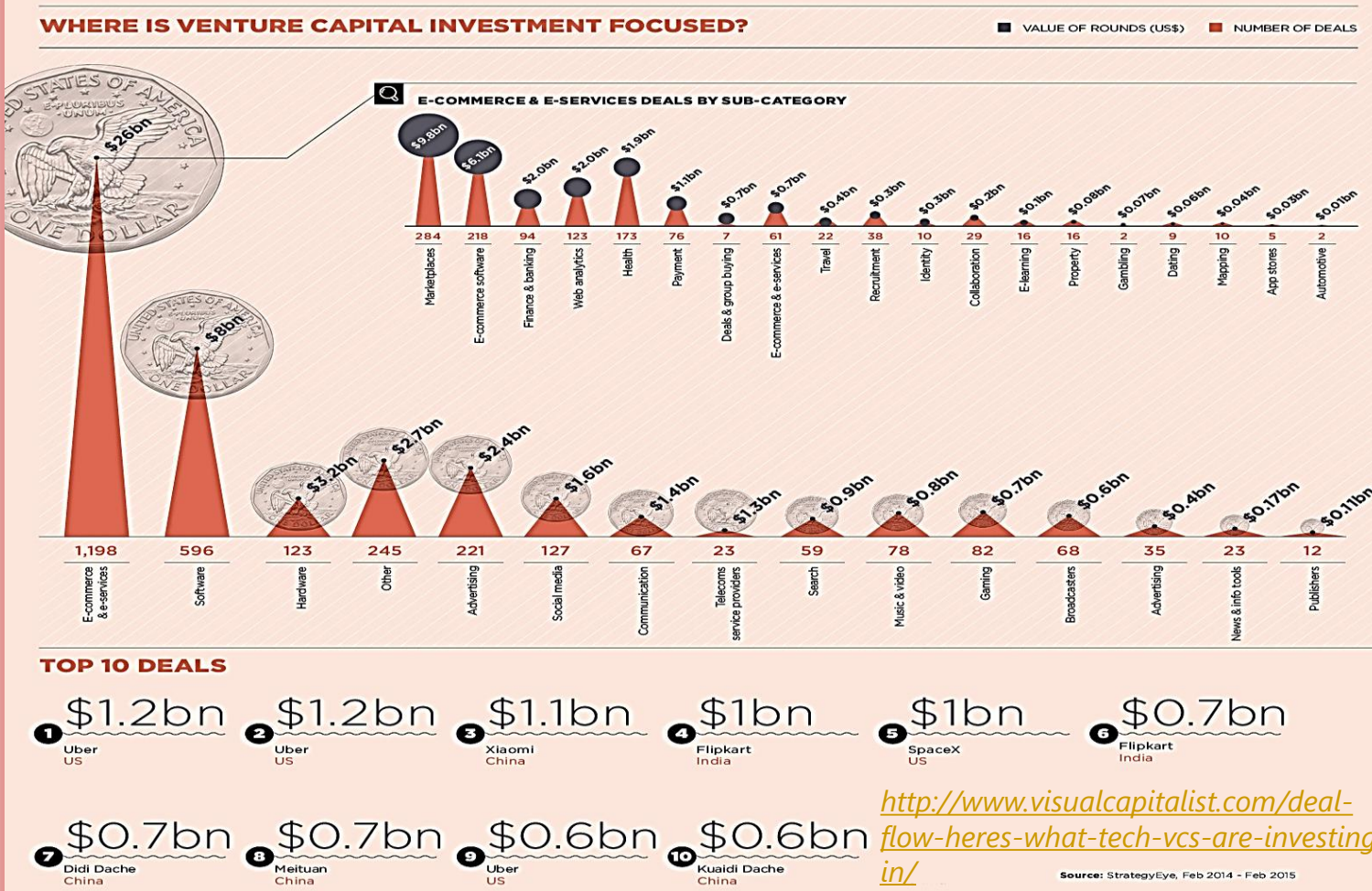
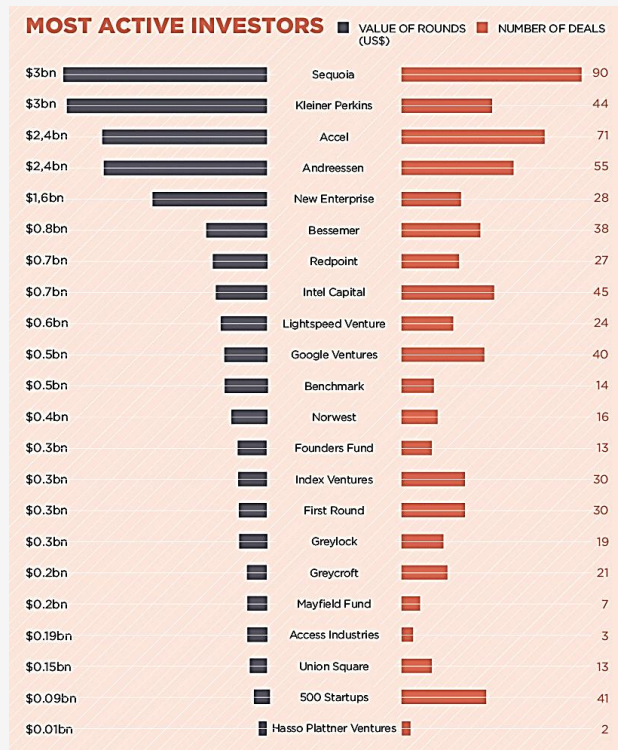
@hnrkling | Sources: US Bureau of Labor Statistics, Frey & Osborne (2013) The Future of Employment

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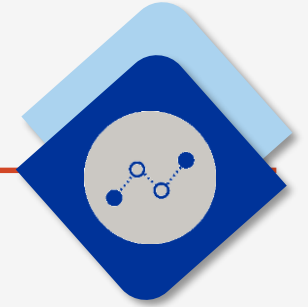


Digital Technologies Ratings

Digital technologies by investments received from Venture Capital firms (VCs)...



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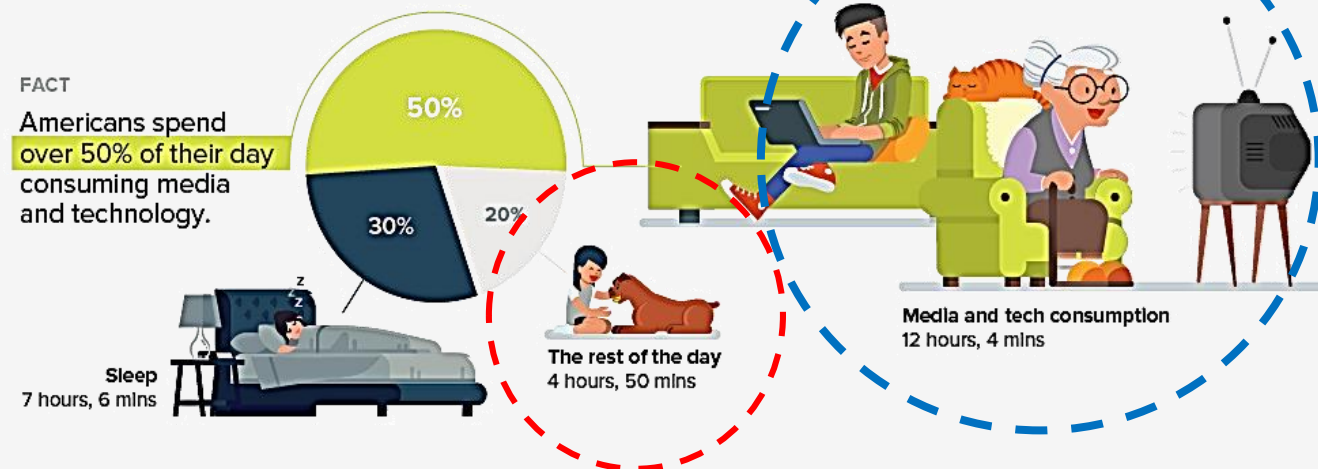
Digital Technologies Ratings

All the latter classifications or rankings need to be checked in their accuracy. All we wanted to show you is that rankings are useful tools to understand the relative impact of digital technologies.

Chart of the Week

WHICH MEDIA TECH IS THE MOST UBIQUITOUS?

Here are technologies ranked by adoption, from highest to lowest

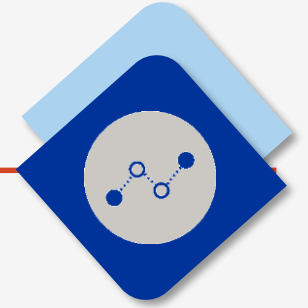


At the rapidly changing intersection of media and technology, consumers are presented with a wide-array of options for media consumption.

Here are the most ubiquitous forms of media, according to a survey of 64,289 radio listeners across North America:

<http://www.visualcapitalist.com/chart-18-types-media-sorted-adoption-rate-2018/>

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Digital Technologies Ratings

The Internet, the IT new digital technologies, the future research and development in AI, machine learning and other sophisticated technologies, and the simplicity of a digital mobile device have changed our life.



A mobile is the new tool which has changed our schedules and daily habits since 20 years ago. Ethically, what are we going to do with it if we continue thinking with capped minds?

Thank you!

