

10X دبي

WEEKLY SPEED READ

**Vision: Be 10 years
ahead of all other
cities**

June 11, 2017; Volume 12

10X WISDOM



“In 10 years, 40% of the Fortune 500s will not exist in a meaningful way. Those who will succeed are ones motivated to action because they are in trouble (20%), or are paranoid (5%). Those who say they are doing well (75%), are most likely to fail”

-- *Jeremy Gutsche, CEO of Trend Hunter*

GOVERNMENT HACKS



Australia

Universities: \$215m to develop companies in disruptive innovation



Paris

Wants to go down under to give the city new life



Boston

Digital channels innovating government customer service



Texas

World's first power plant generating energy by consuming CO2



Malaysia

Central bank signs up 4 companies to its fintech sandbox



USA

Gathering public input on training next gen cybersecurity professionals

DISRUPTIVE COMPANIES #TAGGED



#Université Laval

Smart t-shirt developed with respiratory monitor



#Star Citizen

Raised \$148m from fans, no need for investors



#Singularity University

Launches SU smart city accelerator



#Ayasdi

HSBC teaming up with AI startup to fight money laundering



#Taiwan National Palace Museum

World's first Chinese calligraphy VR installation



#BIMA

Phone credit exchanged for health insurance



#Technical University of Madrid

Robot fish to monitor water health in fish farms



#AllVirtuous

Crowdsourced app to target counterfeit products



#Morgan Stanley

Morgan Stanley's RoboAdvisor Is 'For the Children'

The Disrupt 100 Report: UK Tops Most Innovative Companies

#Healthcare, #Finance, #AI



The Disrupt 100 report was released this week, celebrating ventures with the most potential to disrupt, influence, change, or create new global markets. 32% of the firms listed are based in the UK, compared to just 12% from the rest of Europe, 26% from Asia, and 16% from North America.

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Pain point addressed

Encouraging active ingredients for disruptive startups and scaleups.

Key insights

Stor-dot, charging batteries in 30 seconds, Graphcore, an AI chip maker, and Grail, detecting cancer early, topped the list. There was also a bank account for kids and AI to spot 'fake news' articles within seconds. Healthcare, finance, and business sectors accounted for 40% of the disruptive industries, nearly a quarter working in AI. Governments must encourage the active ingredients for successful startups and scaleups.

How to Spark Disruptive Innovation

#Business Model, #Disruptive Strategies



Jeremy Gutsche, CEO of Trend Hunter, a leading global consultancy on global innovation trends, delivers a fiery speech 'Disrupt or Be Disrupted' on trends, change, creativity and disruptive innovation. He walks through how disruptive innovation happens, and how to create a culture of innovation and change.

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Pain point addressed

How to spark disruptive innovation

Key insights

In this video, Gutsche describes four key components to sparking disruptive innovation: 1) Strong purpose for the team - that is driven by inspiring passion, creating urgency and signaling importance. 2) Building a culture/ language of change. 3) Taking inspiration from patterns of opportunity: 18 most powerful drivers of mega trends in the world grouped into six patterns of opportunity from their study of big data: Acceleration, Reduction, Convergence, Cyclicity, Redirection, Divergence. 4) Taking action.

Engineers of the Future Will Not Resemble the Engineers of the Past

#Education, #Human Resources



Stanford engineering professor and former dean James Plummer kicked off the first IEEE Vision, Innovation and Challenges Summit in San Francisco last week. He said that engineers play a key role in inventing tech of the 21st century, but they won't be much like the engineers of the past.

[>> Read More](#)

Pain point addressed

Preparing upcoming engineers for 10X careers.

Key insights

We have to focus on producing tech professionals who do what computers can't do. For engineering, brick-and-mortar masters program will go away. Instead it will be about lifelong education and just-in-time knowledge (online). Undergraduate will change radically. He wants engineering to include more liberal arts and life skills, preparing engineers for unpredictable careers. Stanford is experimenting with changes such as maker projects.

Amazon: Learning from the Master of 'Willful Disruption'

#Business Model, #Disruptive Strategies



CIO news shares with us the case study of Amazon. Amazon understood three often-undervalued aspects of extensive disruption - scale, richness, and reach. The lessons learned can be employed by enterprises, on a smaller scale, to structure and invest for long-term disruption.

>> Read More

Pain point addressed

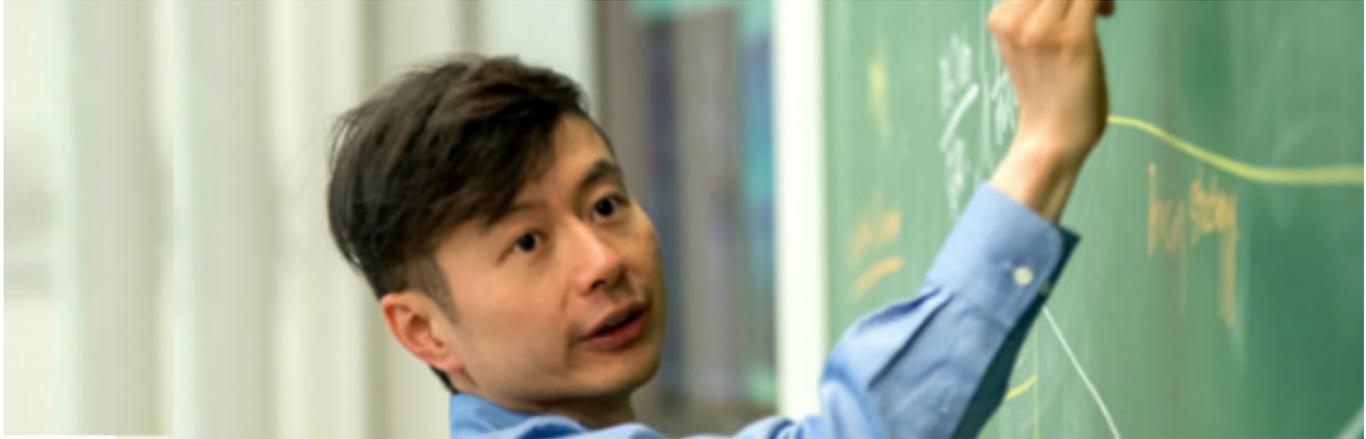
Learning from successful disruptive business models.

Key insights

Amazon still feels like a startup. They take a long-term visionary approach and use unconventional mechanisms to achieve its goals. Their secret sauce: 1) Scale - e.g. 'hyperscale' its cloud service offerings. 2) Richness - providing a very wide variety of products to support its customers. 3) Reach - services are to become ubiquitous parts extending to many businesses and consumer scenarios.

Disrupting Disruptive Innovation for Incumbents

#Disruptive Strategies, #Competitive Advantage



Howard Yu, one of the top 40 b-school professors, describes how the accelerating pace of tech change puts new pressures on established companies. Historically, for a new entrant to topple an incumbent, it needed to build up scale, and be asset heavy. Now, new entrants can invest data analytics and AI.

>> Read More

Pain point addressed

Determining the future of established companies in the face of disruption.

Key insights

What can established companies do? Experiment before it's too late. See what idea wins and create new business units along the way and adopt custom portfolio business models to capitalize on those initial insights. Also, instead of innovating in house with protected R&D spaces, open up the innovation funnel to stay competitive, e.g. co-create with the customer, leverage your supply chain, have someone with a fresh lens work with you.

MORE DISRUPTIVE TRIGGERS...



International Consortium to Prevent Criminal Use of Blockchain



Autonomous Cars Will Use Cameras to Fight Crime



A New Carbon-Neutral Technology Could Provide 40% of the World's Energy



Personal Data Privacy in 2030: Burner Personas, Data Unions, Data Sovereignty Tech



Google & Wonder Woman Getting Teen Girls to Code

Creative People Literally See the World Differently

Research shows creative types may have fundamentally different visual experiences to the average person. It seems that more visual information breaks through into conscious perception for people high in openness--they see the things that others screen out.

What do you see in this video?



Notice anything strange going on? If you're bewildered about how anyone could have missed the guy in the gorilla suit marching through the frame, then congrats. You might be more open and creative than the average bear.

Reference: [Inc](#)

LATERAL THINKIN'
helps build the innovative mindset

A cowboy rode into town on Friday, spent one night there, and left on Friday. How do you account for this?

Source

Solution

ABOUT this *WEEKLY SPEED READ*

- This Weekly Speed Read is to inspire and inform Dubai's 10X teams on latest disruptive developments and enablers from around the world

How satisfied are you with this newsletter?



Extremely Unsatisfied



Unsatisfied



Neutral



Satisfied



Extremely Satisfied

- **Contact:** For any questions or feedback on this newsletter please email: Dr. Sayd Farook