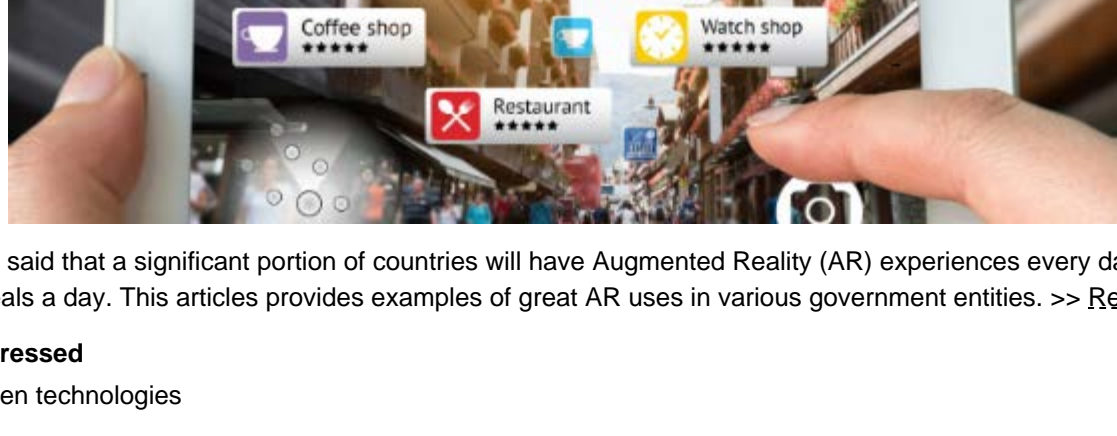


DISRUPTION TRIGGERS

6 Uses for Augmented Reality in the Public Sector

#Technology #AugmentedReality



Apple CEO has said that a significant portion of countries will have Augmented Reality (AR) experiences every day, almost like eating three meals a day. This article provides examples of great AR uses in various government entities. >> Read More

Pain point addressed

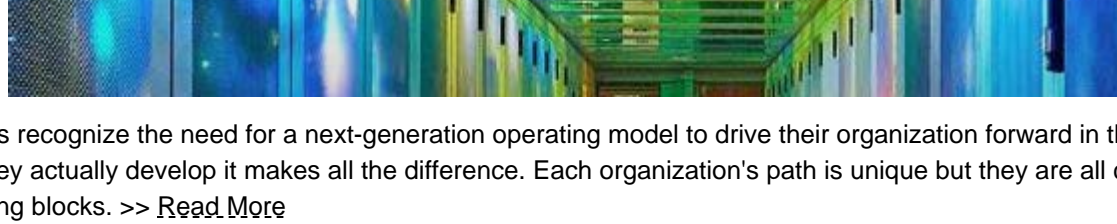
Applying next-gen technologies

Key insights

1) E-governance: 'living' documents interacting with residents. 2) Municipal work: hands-free AR devices enabling efficient city maintenance. 3) Emergency services: AR helmet devices for first-responders to see and hear through fire and rubble. 4) Public health: connecting people to healthy options/activities. 5) Transportation: AR windshield displays with real-time traffic information. 6) Culture & Tourism: AR at heritage sites.

Mckinsey: How to Start Building Your Next-Gen Operating Model

#BusinessModel #Process



Most companies recognize the need for a next-generation operating model to drive their organization forward in the digital age. But how well they actually develop it makes all the difference. Each organization's path is unique but they are all constructed with the same building blocks. >> Read More

Pain point addressed

New operational model needed in the digital age.

Key insights

Next-gen operational models provide the speed, precision, and flexibility to unlock new sources of value and radically reduce costs. They focus on: 1) Autonomous, cross-functional teams anchored in customer journeys. 2) Flexible architecture, infrastructure, and software delivery. 3) Clear strategies cascading through the organization with feedback loops. 4) Agile, customer-centric culture at all levels.

4 Ways to Unleash the Electricity Grid of the Future (New Rules)

#DEWA #Energy



We are at the cusp of disrupting the electricity industry. A WEF report, The Future of Electricity, says innovation will boost the electricity industry by \$2.4 trillion (Dhs 8.8 trillion) over 10 years, from new jobs and reduced carbon emissions. This transformation of electricity will also benefit customers. >> Read More

Pain point addressed

10X innovation in electricity services

Key insights

This disruptive 'grid edge', a convergence of electrification, decentralization, and digitalization, will allow people to produce their own electricity, store it, and then consume it more cheaply (shrinking bills up to 40%.) This puts power back to consumers and could increase happiness. But, there are regulation and infrastructure challenges to overcome in order to materialize.

Robots Won't Take Your Job - They'll Make Room for Meaningful Work

#Workforce #Robots



One study found that automation will threaten at least 47% of jobs in America and up to 85% in the rest of the world. But a number of economists are beginning to argue that this view of automation excludes a lot of the story, and ignores potential productivity gains. >> Read More

Pain point addressed

Future job impact of technology

Key insights

One study found that automation will threaten at least 47% of jobs in America and up to 85% in the rest of the world. But a number of economists are beginning to argue that this view of automation excludes a lot of the story, and ignores potential productivity gains.

Preparing Students for the Automated Working World

#KHDA #Workforce #Education



World Bank education specialist, Harry Patrinos, shares strategies for policy makers on preparing students for the future world of work automation. He identifies both deskilling and the need for new skills. As the demand for new skills increases, key education policies are critical to getting ahead. >> Read More






Pain point addressed

Disrupting education for 10x innovation

Key insights

Education policymakers need to determine the skills gap between future learning aims and current learning levels. Then, give autonomy, ownership, and accountability to school governing boards, and attention to good teachers and early childhood development.

GOVERNMENT HACKS

-  **Georgia**
Using blockchain for land registry and validating property-related transactions
-  **N. Europe**
3 countries join to build an island to power Northern Europe
-  **Iceland**
World's first country to require equal pay for women
-  **UK**
Tax on sugar drinks is working
-  **California**
Tinder-like app for citizen engagement

TEAM - X

The Best Innovators Ask Beautiful Questions



"If I had an hour to solve a problem and life depended on it, I would take the first 55 minutes determining the proper question to ask."
~ Albert Einstein

Creating the right question is the first step for your team, and is half the battle in developing a new innovation.

Do's & Don'ts

Make your question:

- Free of frames, biases, assumptions, or expectations
- Ambitious and actionable, causing a mental shift, e.g. go beyond a given market or economy
- Incorporate who, what, where, and sometimes why
- Start your question with the word 'why' if the cause is not known in your problem, or 'how' if the cause is known

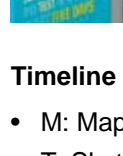
Examples

- X What are the effects of a high-calorie diet on American children?
Why do American children get fat?
- How can we best deal with an oil spill in the Gulf of Mexico?

Reference: A More Beautiful Question: The Power of Inquiry to Spark Breakthrough Ideas. By Warren Berger.

PROTOTYPE - X

The Design Sprint



A New York Times best seller book "Sprint" by Jake Knapp at Google Ventures helps you design, prototype, and test ideas with customers in just 5 days. Participating in a sprint orients the entire team and aims their efforts at hitting clearly defined goals.

Timeline






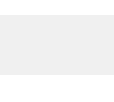
- M: Map out the specific problem
- T: Sketch competing solutions on paper
- W: Make difficult decisions and turn ideas into a testable hypothesis
- T: Hammer out live a high-fidelity prototype
- F: Test it with real live humans

Examples





- A robotics maker searching for the perfect robot personality
- A coffee roaster expanding to new markets
- A company organizing the world's cancer data

Reference: Google Ventures

DISRUPTIVE COMPANIES #TAGGED

-  **#GeorgiaTech**
Disrupting top university high fees
-  **#Huawei**
Iterating fast to dethrone Samsung and Apple
-  **#OneMedical**
Brings doctor's office to patients
-  **#Chariot**
Crowdsourced mass transit enabling citizens to pool rides
-  **#IDEO**
Future of ride-sharing with concept of communal car
-  **#Tesla**
Driving disruptive innovation in energy storage, AI and more

X-LAB MOONSHOT IDEA BANK

-  **Disrupt the electricity industry:** Regulation, infrastructure, consumer engagement and new business models are keys to unlocking opportunities and dealing with the challenges of uber-izing the industry
-  **AR applications for law enforcement:** Imagine real-time data-driven AR applications that allow law enforcement to access location information and data on dangerous situations via in-vehicle displays and other wearables.
-  **Redirect possible electricity VAT to sugary drinks:** UK's new tax on sugary drinks is already working. They announced the new tax to reduce childhood obesity, projecting it would raise \$632m (Dhs 2.32b) in revenue.
-  **Build circular runways at airports:** Circular airport runways could make landings and the environment safer, less noisy, greener, and more efficient.

10-X FUN



I SEE WHAT I WANT TO EAT. WHERE DO I CLICK "ADD TO CART"?

About the 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
- Contact: For any questions or feedback on this newsletter please email: Dr.Sayid.Farooq

