10 X دبي

WEEKLY SPEED READ

Image credit: Ustwo

VISION: BE 10 YEARS AHEAD OF ALL OTHER CITIES

10X PREDICTION

Gene editing is on the cusp of eradicating a host of diseases.

Liver disease, hepatitis B, sickle cell disease, cardiovascular disease, muscular dystrophy, and Huntington's disease

>> Source

GOVERNMENT HACKS

>> **China**
First ever unhackable
quantum video call
to Vienna

>> **Singapore**
'Crowdstarting' shuttle
bus routes based on
commuters' demands

>> **Puerto Rico**
Tesla and Google offer
a microgrid system and
cell coverage

>> **Russia**
Central bank to deliver
cash to clients with
money drones

>> **Singapore**
Public officers to be
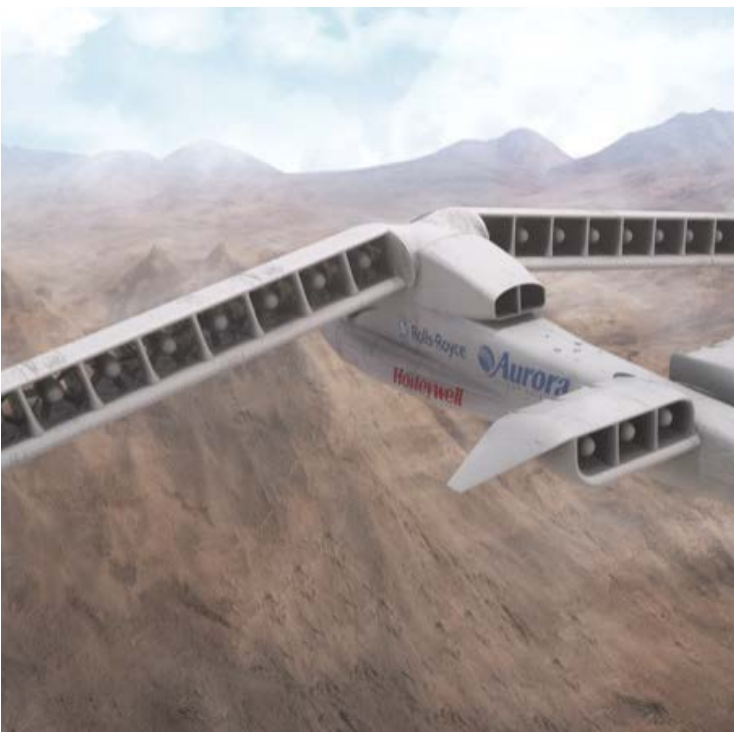equipped advanced visual
analytics skills

DISRUPTIVE COMPANIES

>> **#Blue Origin**
To take tourists to space by April 2019

>> **#Air France**
Blockchain to track its maintenance and repair systems

>> **#Lucerne University**
Swiss university accepting bitcoin for tuition

>> **#McGill University**
Develop AI that can put an end to online hate speech

>> **#Boeing**
Aims to speed up autonomous electric flights

>> **#Pop and Rest**
Peer-to-peer platform: rent space for just a few hours

IKEA, Lego, & Volvo Identified 4 Ways to Hack Management

#Process #Leadership #Innovation

Sponsored by a Nordic innovation initiative, Fragile to Agile, a few hundred companies have come together to hack management. The goal? Identify specific ways to reinvent big company management practices to make them more current and relevant for today's fast-paced innovation-based world.
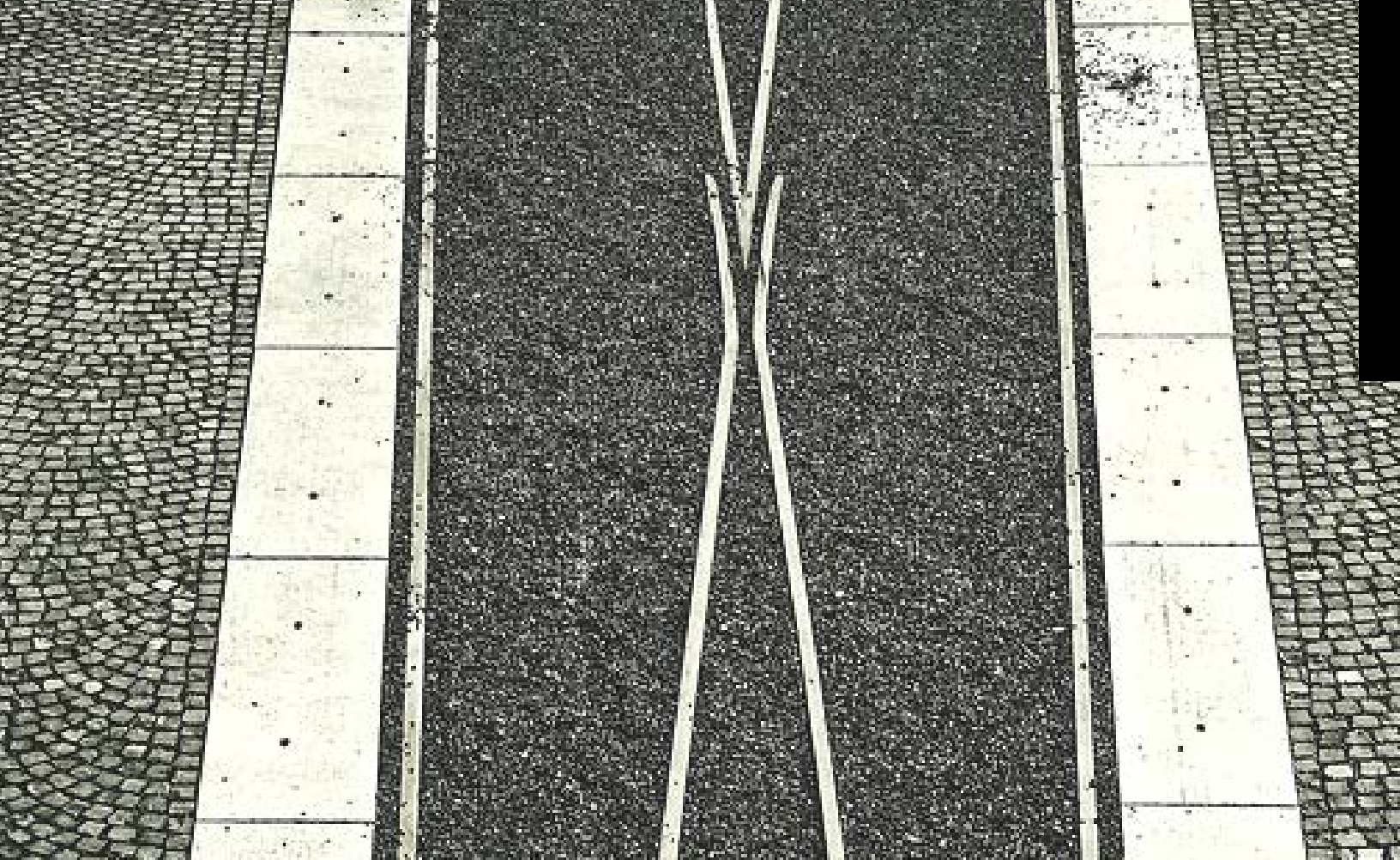
>> Read More

Pain Point
Adopting new management models that are conducive to innovation.

Key Insights
Some interesting hacks: 1) Let every employee decide who they want to report to. 2) Internal 'Trip Advisor' rating system that evaluates departments and employees. 3) Rotating leaders lets employees increase understanding of roles and challenges. 4) Set max. time for leaders to stay in their role, to avoid creating silos.

Which of these hacks could 10X teams experiment with? All hacks won't be realistic for every entity, but it's clear that we have to hack management if we want innovation.

Why Government Still Needs Reinventing

#Business Model #Process #Budget Allocation

The incident with Puerto Rico recently, where the question of whether to send disaster response funding was debated, touches upon an important question: Should governments run more like a business (where citizens are consumers) or a shared values model?
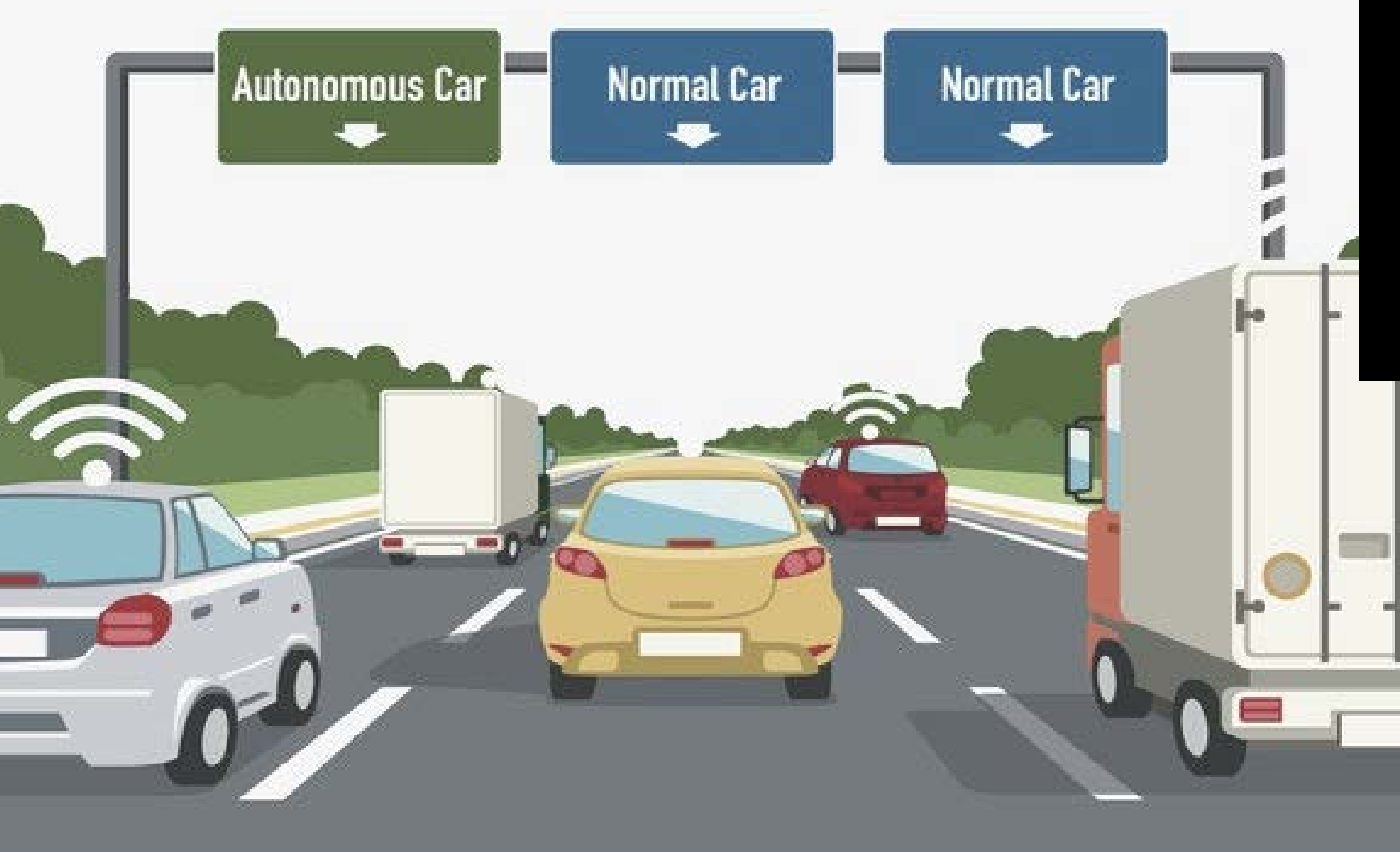
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Pain Point
Should government run more like a business, in order to be innovative?

Key Insights
While the government has a lot to learn from the lean efficiency of the private sector, including how to incentivize talent, and invest in leadership, people expect services that are not always driven by a bottom line. The answer is not to see citizens as consumers, but co-investors and shareholders. Citizens should be empowered as co-producers of government services, interwoven with a shared set of values that benefit the community, not just the individual.

(E.g. This method could be used with Dubai Future Accelerator's new partner, Micity, to address citizens' concerns in interactions with gov't entities.)

Image credit: SpaceX

How to Transition to Self-Driving Vehicles

Transport # Strategy #Citizen Incentives

Until self-driving vehicles complete their conquest, they'll have to share the road with humans - who are often unpredictable. The solution the white paper by Tom Alberg, who serves on the Amazon board, proposes? Keep them separate. Give self-driving cars their own lanes, or even entire roads.
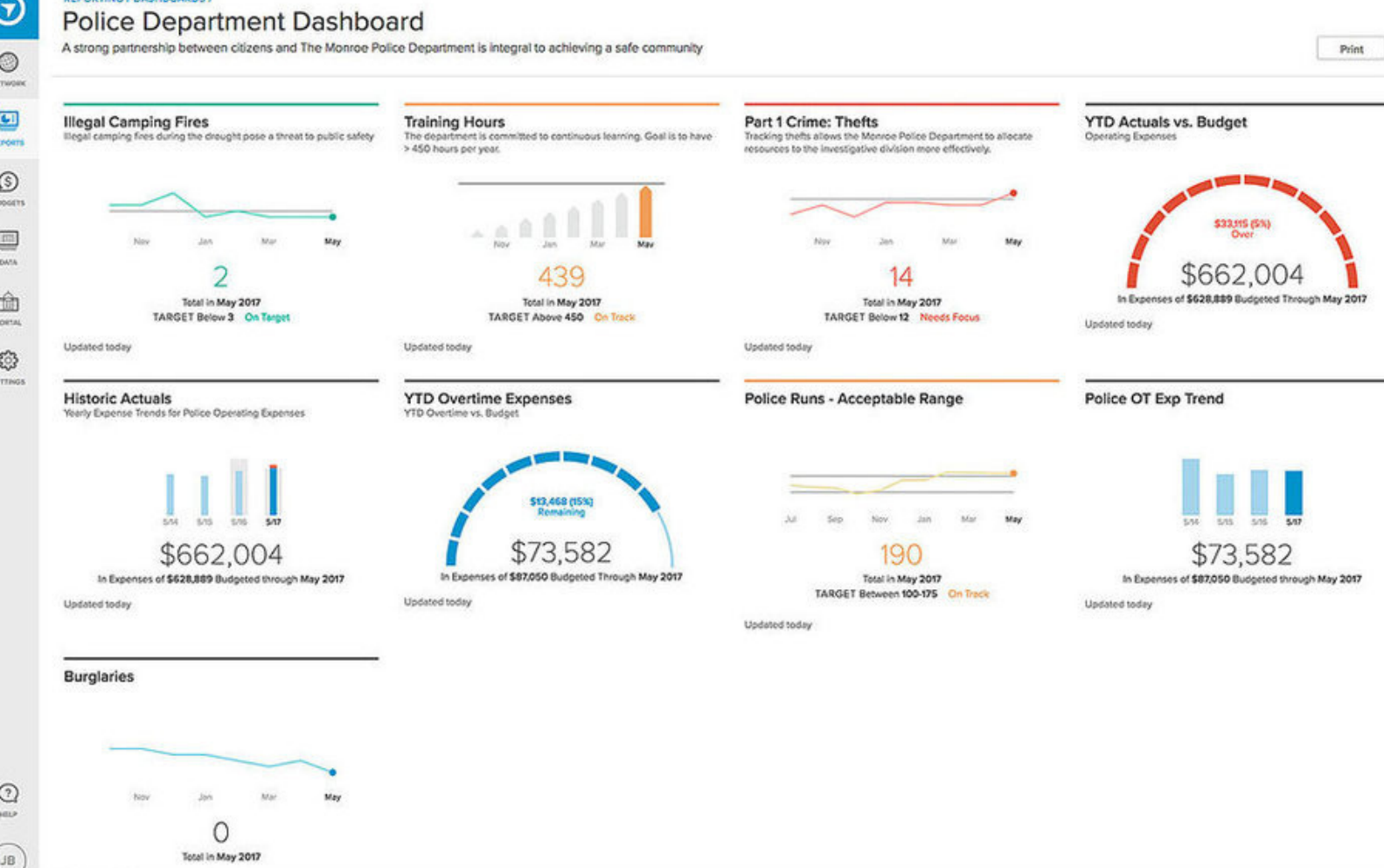
>> Read More

Pain Point
How to transition self-driving vehicles to the road.

Key Insights
They imagine an autonomous vehicle (AV) corridor replacing current motorways, through a transitioning method. First, an AV would be allowed to use existing HOV lanes. By 2025, HOV lanes would be closed to human drivers, along with the lane next to it. By 2030, the majority of the highway would be closed to human drivers, with a complete takeover by 2040. California is already allowing electric cars in HOV lanes.

With Dubai's self-driving goals and Uber's announcement of 50 Tesla electric vehicles for Dubai, would this transition method be a viable incentive?

OpenGov Launches Performance Measurement Toolset

#Performance Tools #Process #Inter-Governmental Collaboration

Government workers are too busy with day-to-day tasks to gather metrics to help them evaluate what they are doing. So, OpenGov has launched a nifty performance measurement product meant to help governments track progress towards goals, automatically.

>> Read More

Pain Point
Better tools to automatically measure UAE's goals across entities and cities.

Key Insights
Numerous government workers have said they want to track their performance to determine which programs are working and deserve more funding. But with existing tools, content must be manually updated, which is cumbersome, time consuming, and error-prone. Open Gov's solutions already tap into data from across a government's departments and is based in the cloud. It even compares their metrics to other government entities and cities.

With the recent cooperation between Dubai Civil Aviation and DEWA in expertise and R&D, this can help synergize data and performance measurement sharing.

Smart Cities Week 2017 Recap: Tomorrow Is Here

#Smart Cities #Data Sharing #Inter-Governmental Collaboration

Smart Cities Week held in Washington, DC, sought to provide granular answers on how to nurture smart city growth. Two hallmarks of any successful smart city were discussed: identifying a city's unique needs, and embracing collaboration (synergy between entities) to act on them.

>> Read More

Pain Point
Monitoring what's new in smart city developments.

Key Insights
Data analytics and data sharing (from overwhelming amounts of data) was a hot topic, suggesting that cities need to view data as currency. But how much should the government release? E.g. Seattle has adopted a 'open by preference' rather than 'open by default' approach.   Equity, designing systems to be accessible for all, was also a common theme. Slow adoption and silos were commonly cited roadblocks.

With the launch of UAE's strategy for the Fourth Industrial Revolution, e.g. genomic medicine, how should we analyze and share the increasing data produced?

MORE TRIGGERS

>> Government Bitcoins? 5 Policy Questions About Banks and Digital Currency

>> Can International Online Shopping Marketplaces Bypass Trade Policy?

>> 3 Trends to Keep in Mind When Crafting an Enterprise AI Strategy

>> Is It Time for Firms to Merge Real Estate and HR Teams?

>> 5 Lessons from Five Years of Impact Investing

Image credits: Airbus; BIG

Where Does IBM Research Get Ideas? Open Mikes

TEAM-X

IBM research projects often originate from open mike sessions, held once a year. These are serious events and, at the same time, entertainment along the lines of Shark Tank meets American Idol.

- 1-2 dozen people pitch on stage at a time
- Feedback is given from the audience, with Q&A
- Ideas chosen based on community's interest, or online voting
- Last round fleshes out what they want to do, and how many people they will need from where in the organization
- Judges choose 1-2 "Grand Challenges" projects

Image credit: IBM Connections News

>> Reference: IEEE Spectrum

X-LAB MOONSHOT
IDEA BANK

Gene-editing regulations

As the introduction of genome medicine enters Dubai, create a forum of diverse experts to start discussing ethical regulations of the technology. Include thoughts from theological experts.

Peer-to-peer platform for short-term hotels

Provide solutions for short-term or in-transit visitors who want to rent a space for only a few hours.

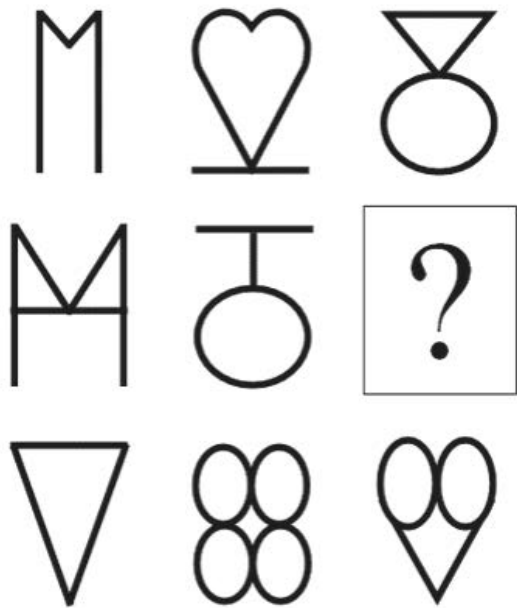### Data analytics training for public officers

Data should be valued as currency. Equip government officials with advanced data analysis and visualization skills, for nurturing the growth of the smart city initiative.

Annual 'Open Mike' sessions

'Shark Tank' and 'American Idol' like events where employee teams pitch ideas on stage, and the rest votes.

Image credit: Whitaker Studio

10X FUN

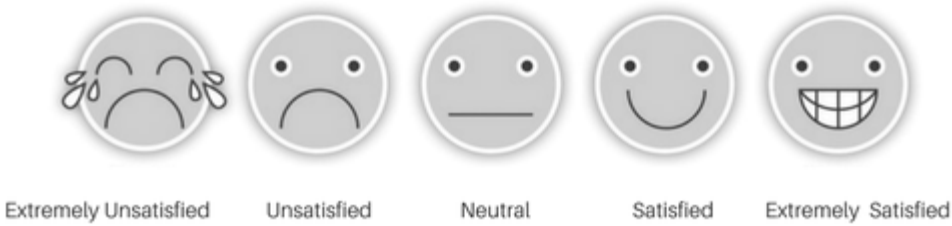Lateral thinking helps build the innovative mindset

Nine symbols are arranged in a logical sequence below. One of the symbols has been covered with a rectangle containing a "?". What does the concealed symbol look like?

>> Solution

>> Source

Please rate this newsletter

Extremely Unsatisfied   Unsatisfied   Neutral   Satisfied   Extremely Satisfied

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:
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