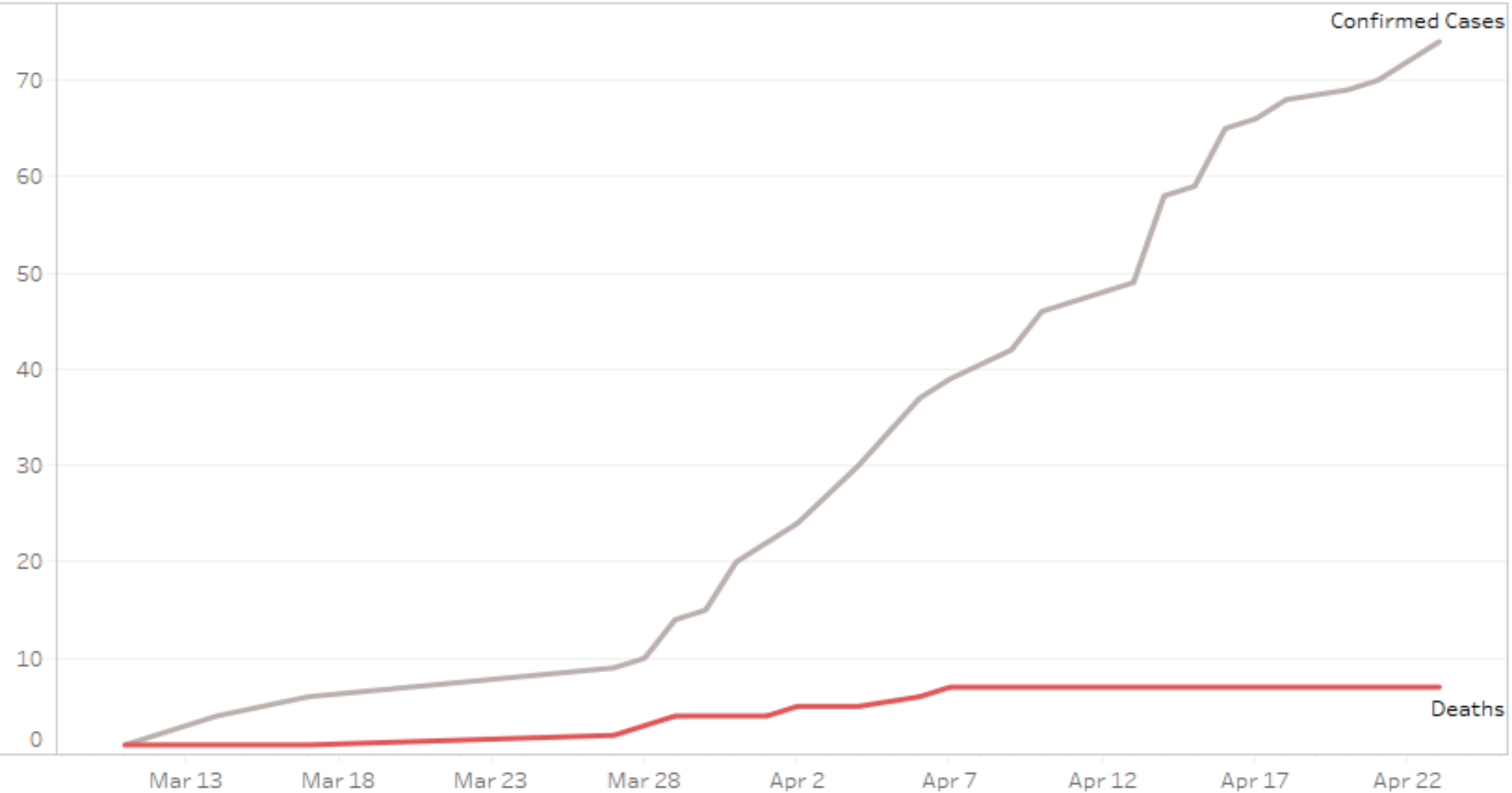
Decoding the Data

Leslie Lee Fook | 4th August 2010

Director – AI, Analytics and Automation

RPM
X 1000
MPH

Cummulative COVID-19 Confirmed Cases Cases

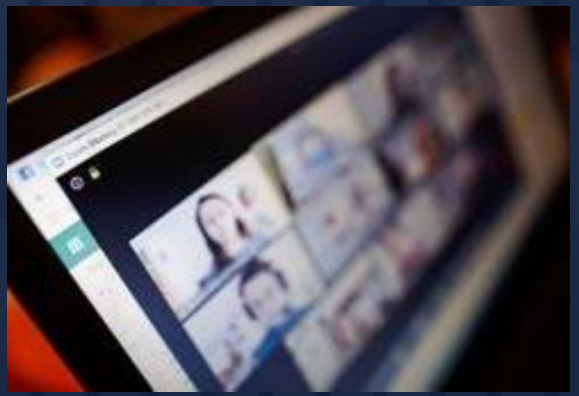


Crisis triggers serious economic consequences

Public Health Crisis

Caribbean Public Health Agency
CARPHA

Economic Crisis



Business Crisis

How all organisations are responding

Stabilize
your organisation

Reopen
your workplace

Grow
your organisation

How all organisations are responding

“How can I create stability?”

How do I respond and adapt operations quickly?
How do I ensure the safety of our employees?
How do I monitor and communicate what’s happening?

Stabilise
your organisation

“How do I get reopen my business?”

How do I know when to reopen operations?
How do I identify changes I need to make to my business?
How do I build a foundation of trusted data I can rely on?

Reopen
your workplace

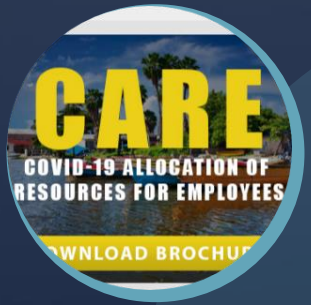
“How will my operation grow?”

How do I shift to a data-driven organization?
What new digital and data skills will my employees need?
How do I keep employees and customers informed?

Grow
your operation

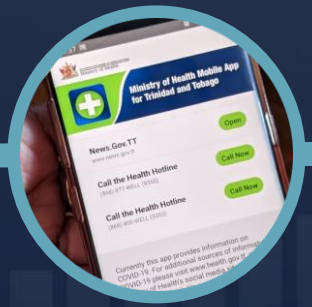
Digital Imperative: Moving faster than ever before

Shift to Digital Channels



Support for a Digital, Data-Driven Workforce

Importance of Digital Apps



The Digital Citizen

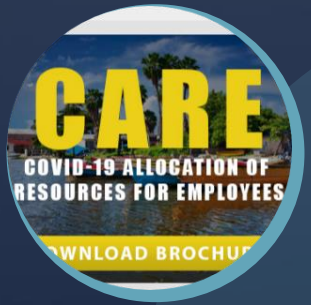
Growth of Digital Communities

Rise of Digital Communications

Making Critical Decisions

Digital Imperative: Moving faster than ever before

Shift to Digital Channels



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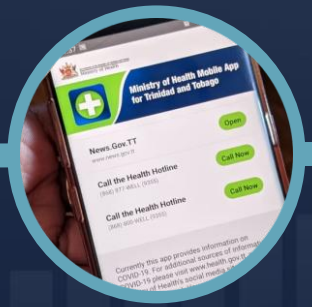


The Digital Citizen

Growth of Digital Communities

Rise of Digital Communications

Making Critical Decisions

Every digital transformation is a **data** transformation

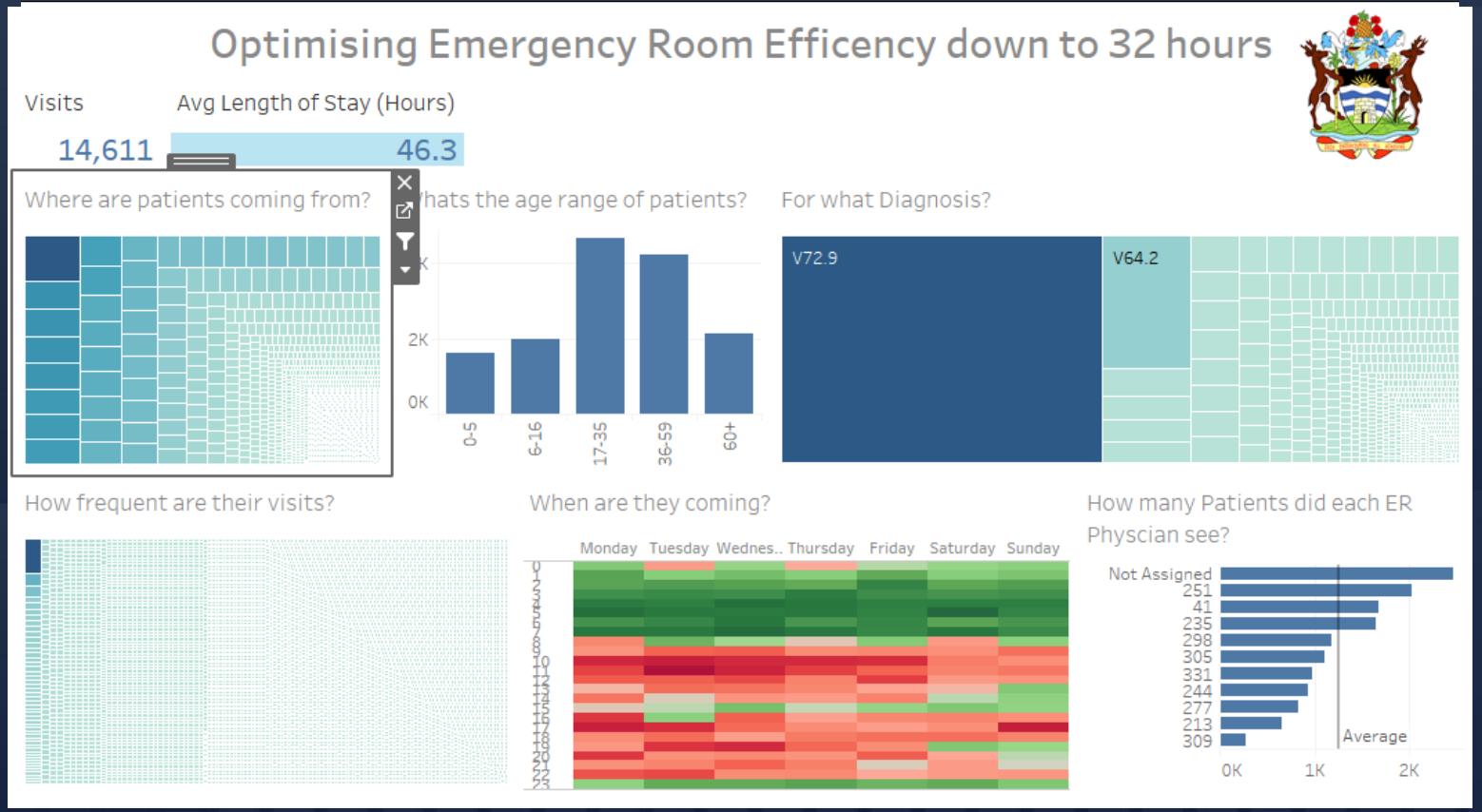
Your roadmap to rapid recovery and resiliency

Stabilize
your organisation

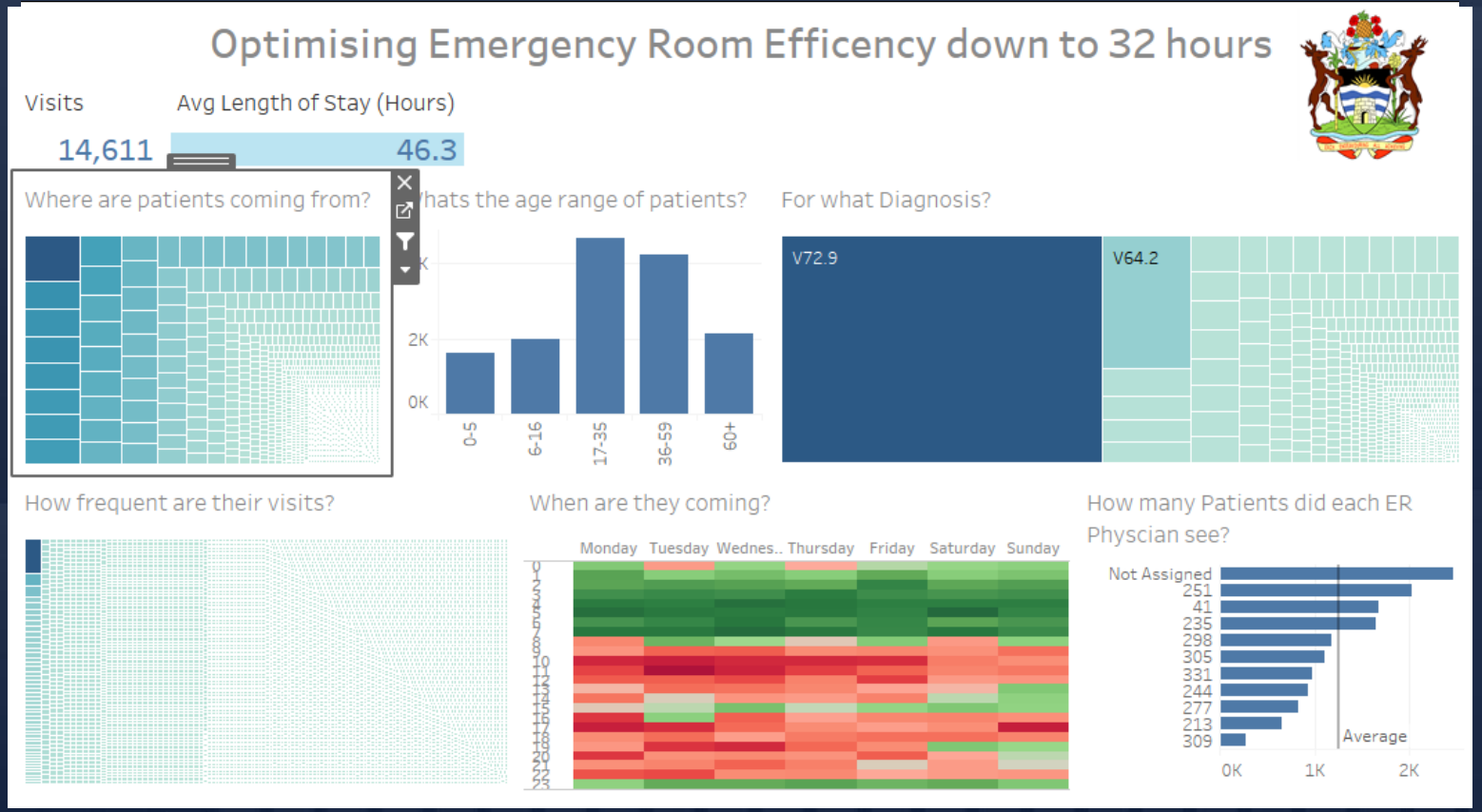
Reopen
your workplace

Grow
your organisation

Stabilize your organisation



Stabilize your organisation

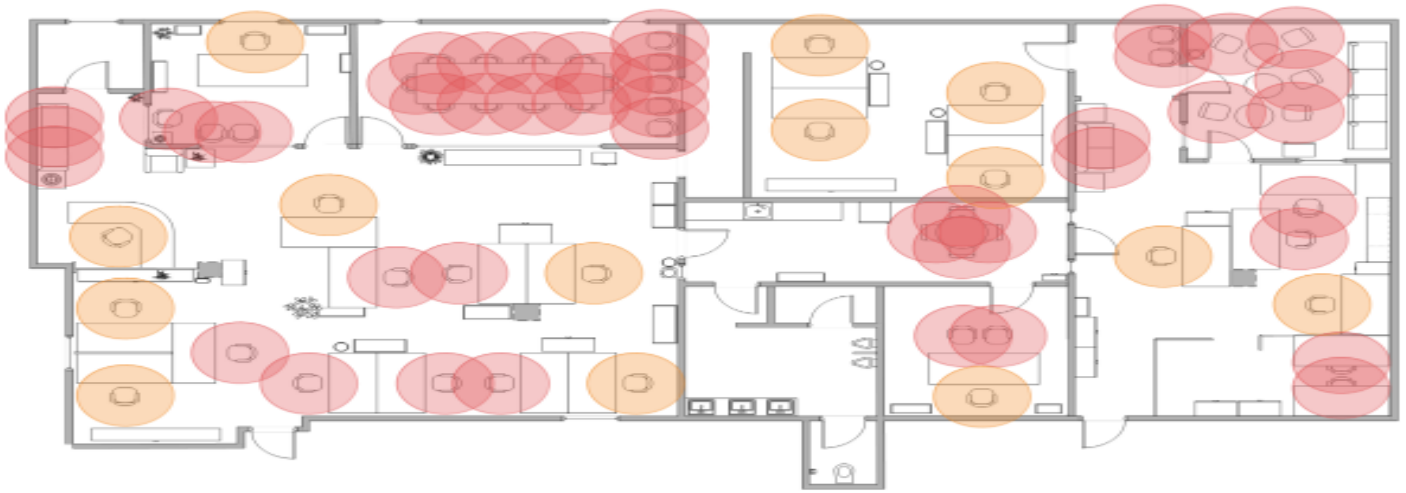


Reopen your workplace

Office Social Distancing Floor Plan

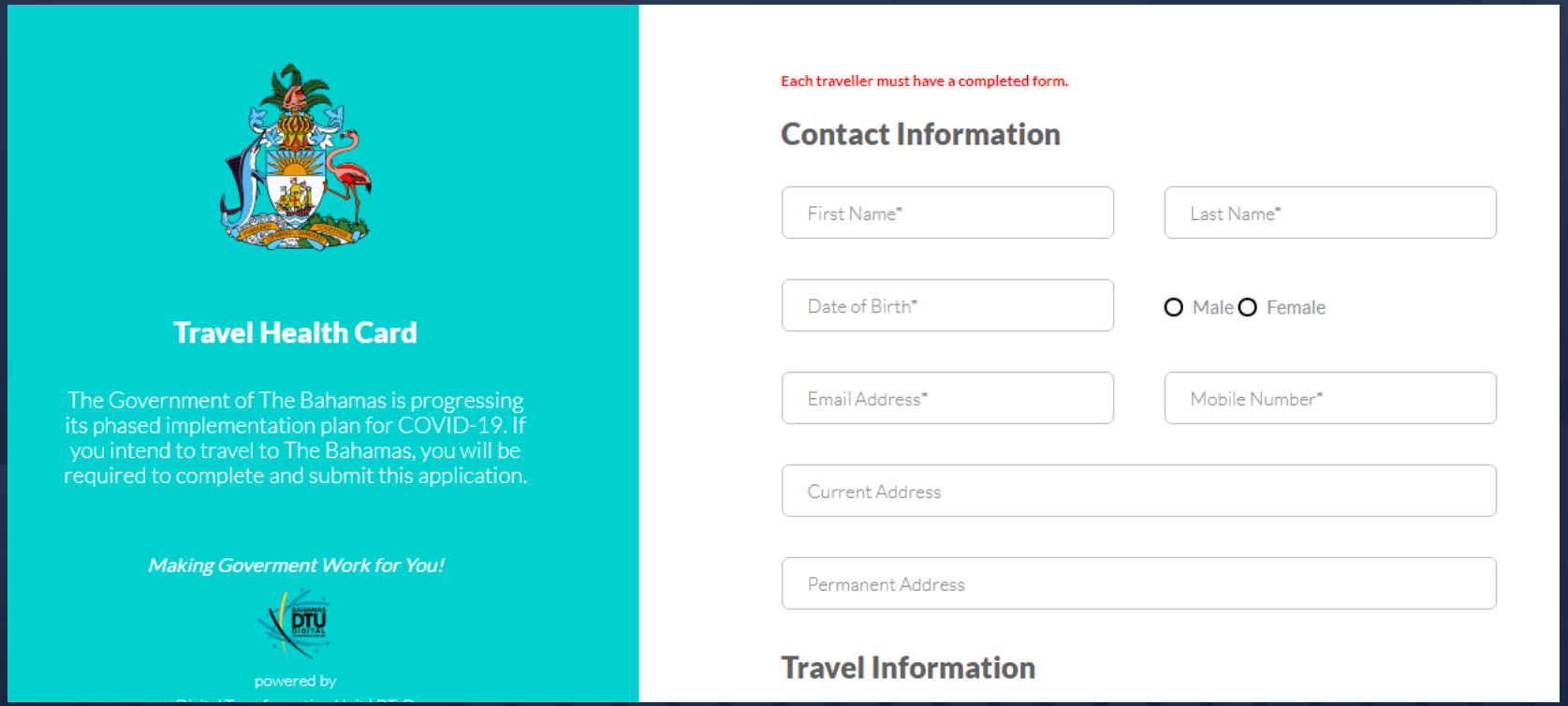
The map below shows a sample office and the impact of social distancing requirements. Each sitting location is surrounded by a bubble approximately 6 feet in diameter. Red bubbles indicate sitting locations that do not adhere to this requirement (i.e. intersect with other bubbles), while orange bubbles show those that do (i.e. do not intersect). Note: Locations separated by walls are not counted as intersecting.

Disclaimer: This is only a starting point for a true analysis of an office space. There are any number of additional factors that would need to be taken into account, such as the movement of people around the office, usage of shared spaces and resources (conference rooms, copiers, restrooms, water coolers, refrigerators, etc.), air movement and ventilation, usage of masks, etc. Physical distance is only one such factor that must be understood before office spaces can be considered safe working environments. This particular example shows that one of the most basic factors (social distancing) is still a significant issue for most work spaces.

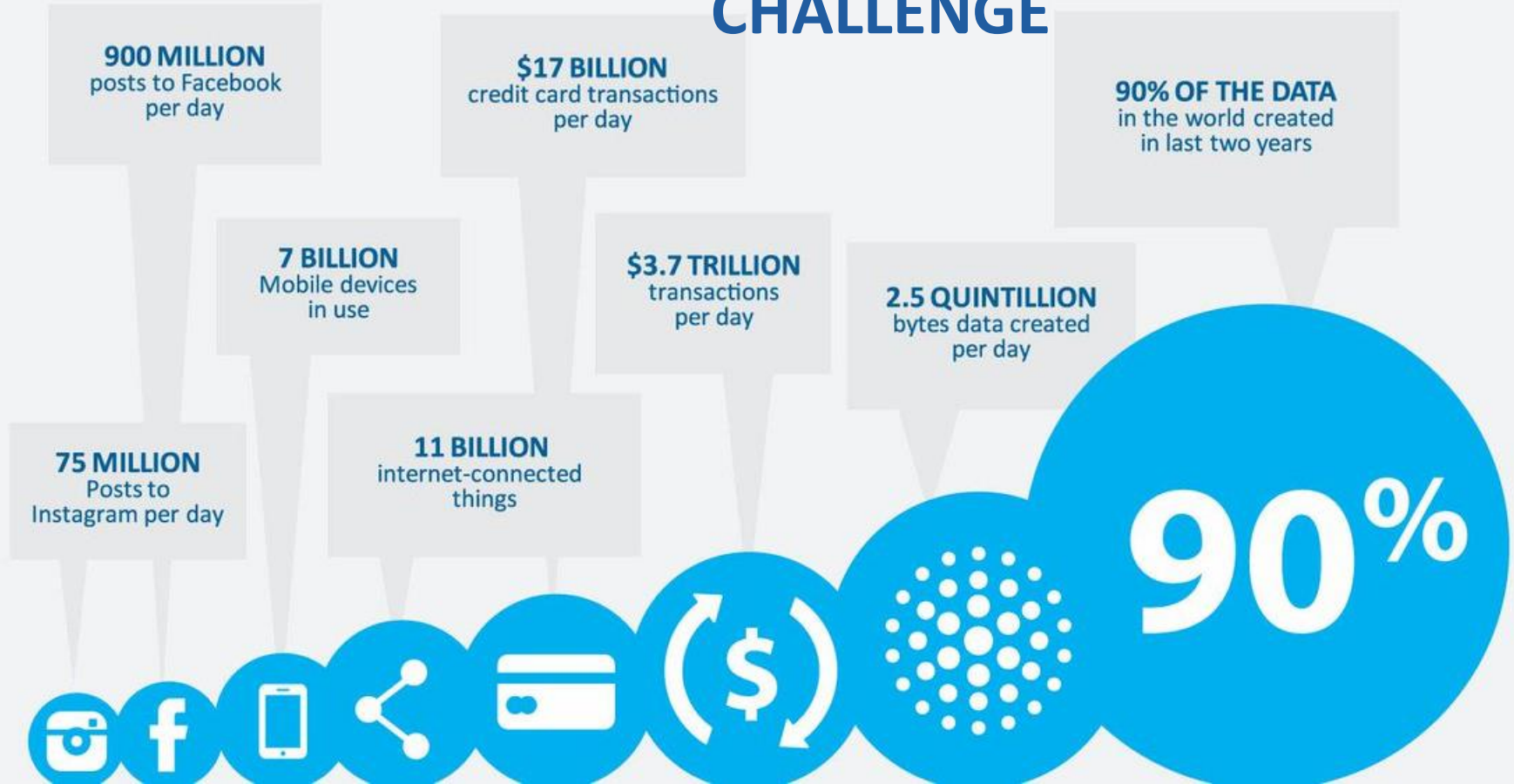


[redacted] Used Under [redacted] Modifications Made by [redacted] Social Distancing Idea Credited to [redacted]

Grow your organisation

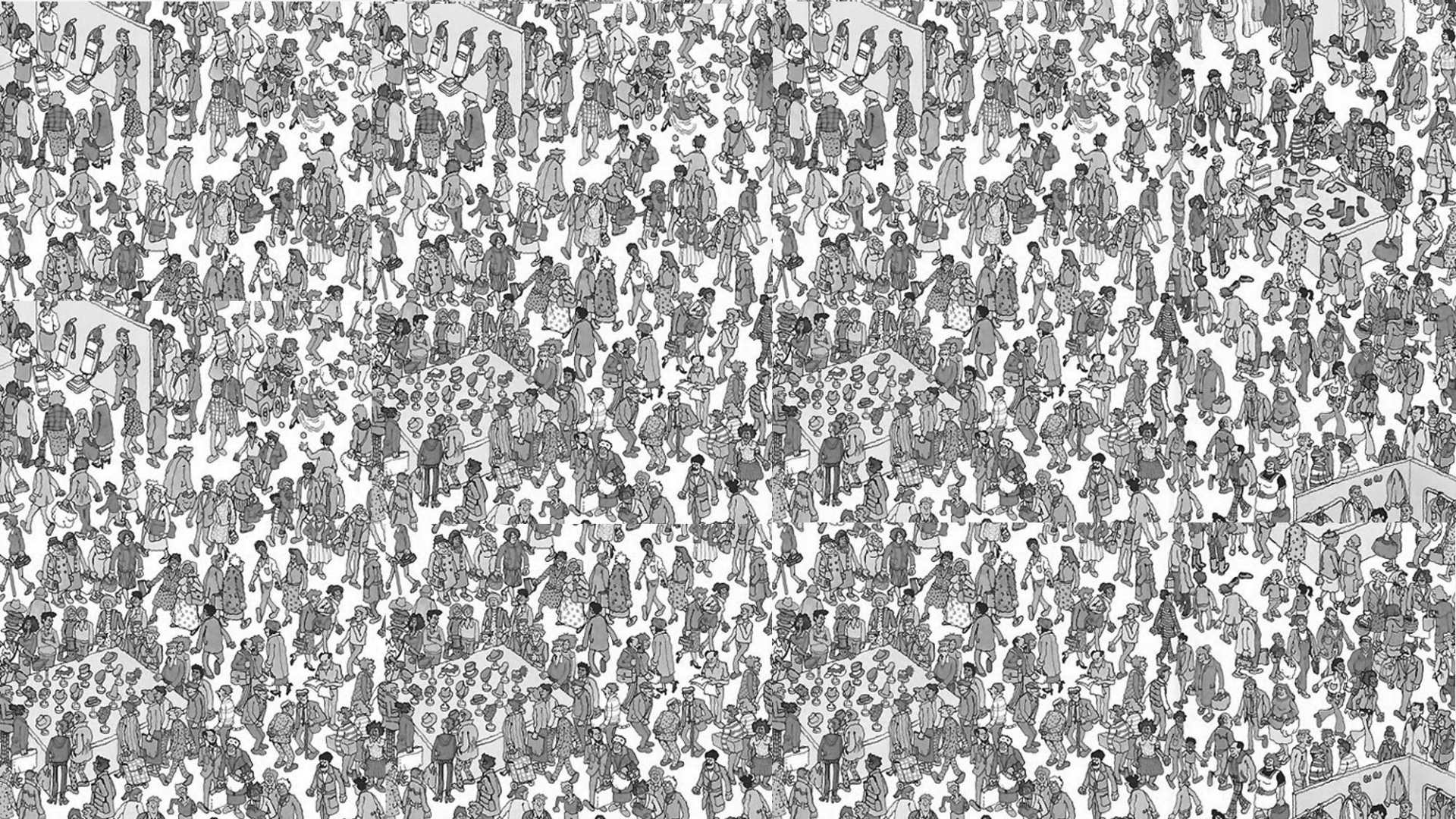


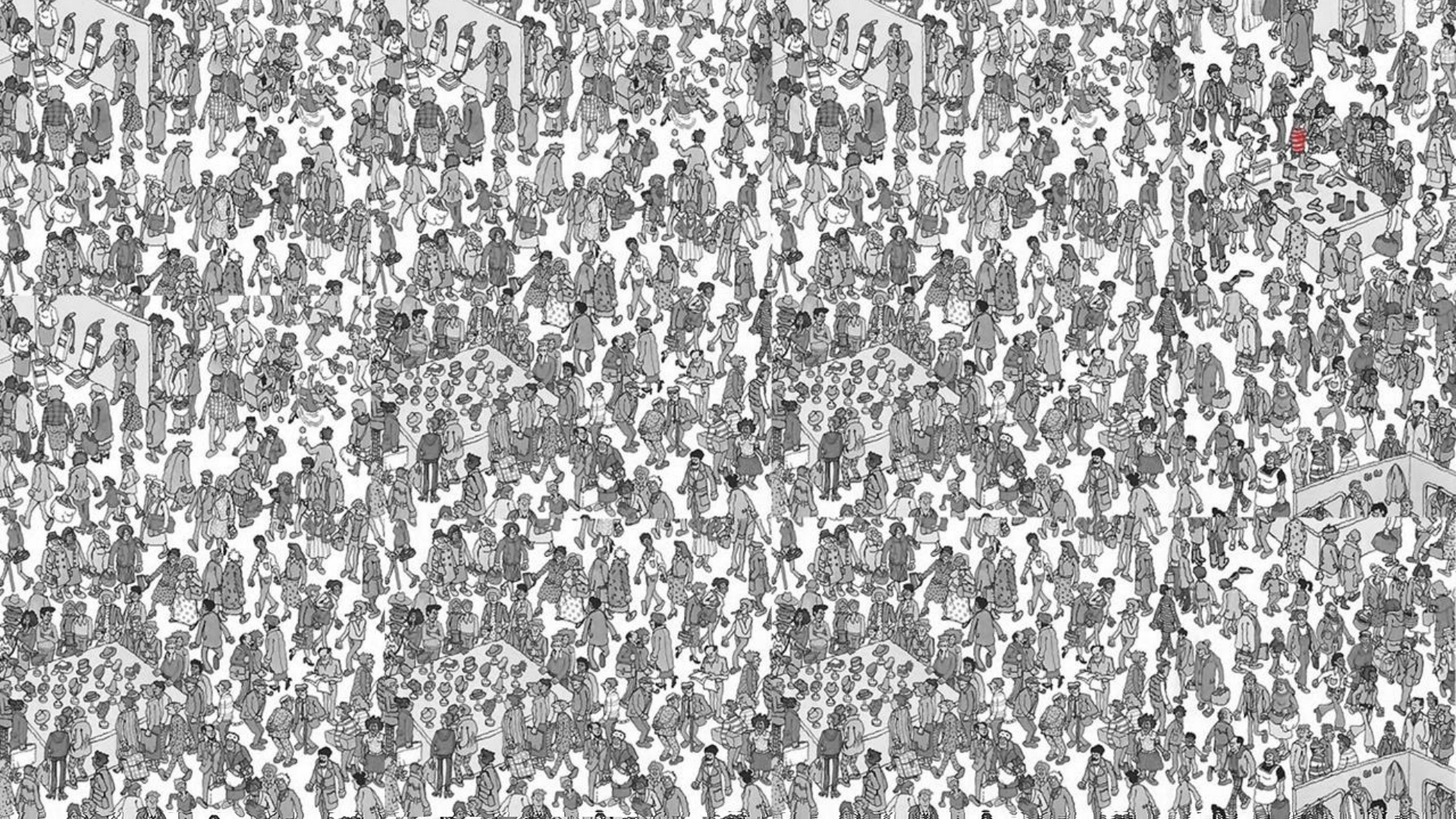
THE DATA CHALLENGE



VISUAL ANALYTICS

data VS BIG DATA





What’s the lesson?

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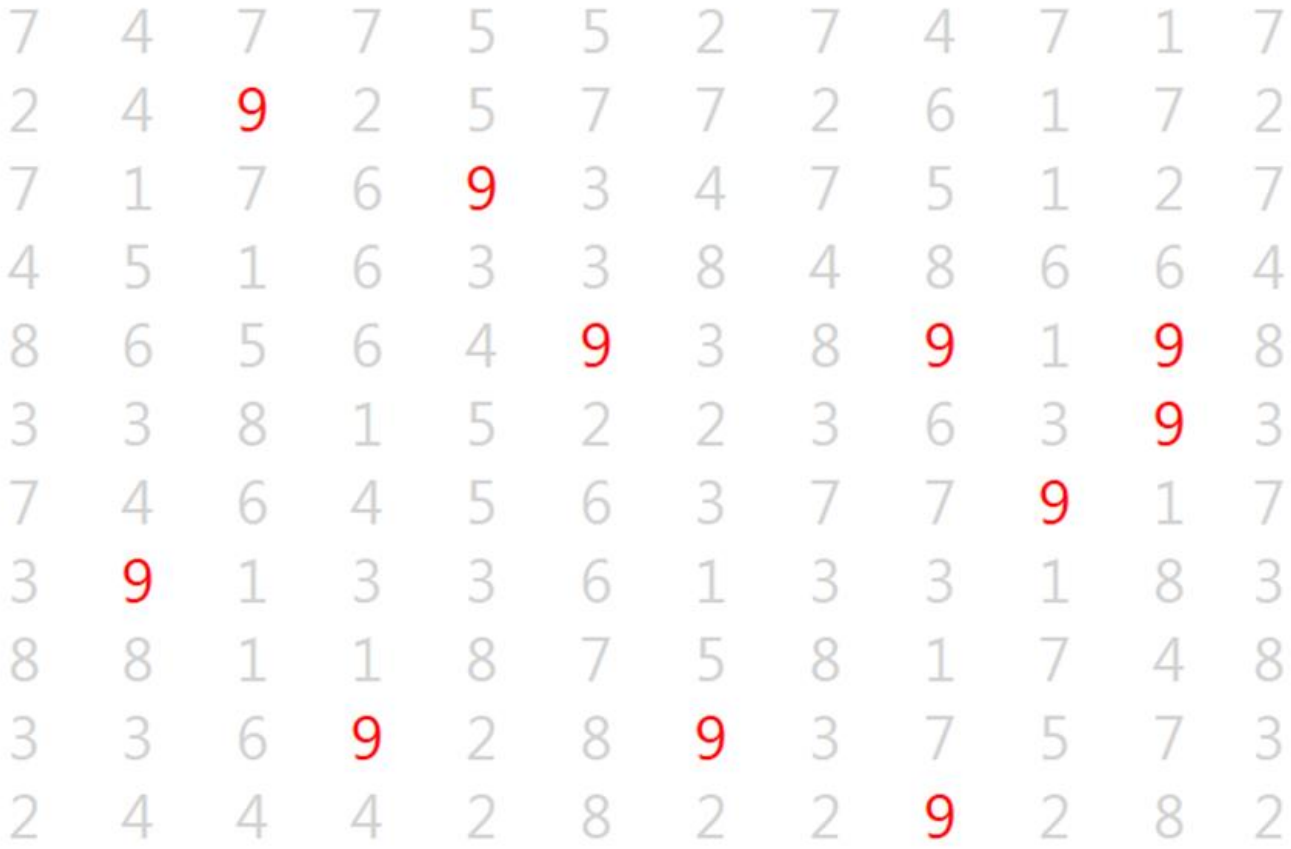
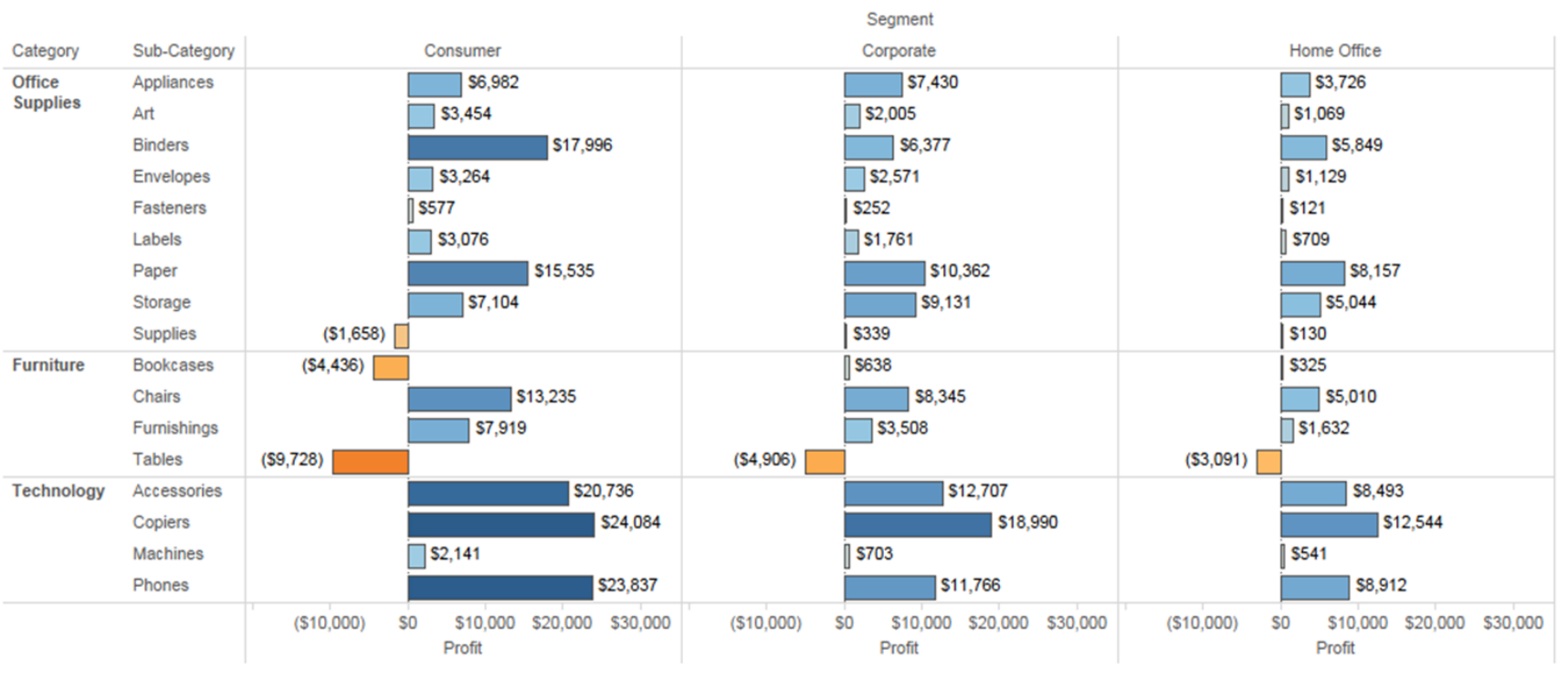
2 4 9 2 5 7 7 2 6 1 7 2
7 1 7 6 9 3 4 7 5 1 2 7
4 5 1 6 3 3 8 4 8 6 6 4
8 6 5 6 4 9 3 8 9 1 9 8
3 3 8 1 5 2 2 3 6 3 9 3
7 4 6 4 5 6 3 7 7 9 1 7
3 9 1 3 3 6 1 3 3 1 8 3
8 8 1 1 8 7 5 8 1 7 4 8
3 3 6 9 2 8 9 3 7 5 7 3
2 4 4 4 2 8 2 2 9 2 8 2


7 4 7 7 5 5 2 7 4 7 1 7
2 4 9 2 5 7 7 2 6 1 7 2
7 1 7 6 9 3 4 7 5 1 2 7
4 5 1 6 3 3 8 4 8 6 6 4
8 6 5 6 4 9 3 8 9 1 9 8
3 3 8 1 5 2 2 3 6 3 9 3
7 4 6 4 5 6 3 7 7 9 1 7
3 9 1 3 3 6 1 3 3 1 8 3
8 8 1 1 8 7 5 8 1 7 4 8
3 3 6 9 2 8 9 3 7 5 7 3
2 4 4 4 2 8 2 2 9 2 8 2

		Segment		
Category	**Sub-Category**	**Consumer**	**Corporate**	**Home Office**
Office Supplies	Appliances	6,982	7,430	3,726
	Art	3,454	2,005	1,069
	Binders	17,996	6,377	5,849
	Envelopes	3,264	2,571	1,129
	Fasteners	577	252	121
	Labels	3,076	1,761	709
	Paper	15,535	10,362	8,157
	Storage	7,104	9,131	5,044
	Supplies	-1,658	339	130
Furniture	Bookcases	-4,436	638	325
	Chairs	13,235	8,345	5,010
	Furnishings	7,919	3,508	1,632
	Tables	-9,728	-4,906	-3,091
Technology	Accessories	20,736	12,707	8,493
	Copiers	24,084	18,990	12,544
	Machines	2,141	703	541
	Phones	23,837	11,766	8,912


Segment
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($10,000)
$0
$10,000
$20,000
$30,000
Profit

The Most

Don't have business analytics; it's too hard

The Many

Waste countless hours in Excel with poor results

The Few

Rely on an army of engineers and experts

Is there another way?

Data Literacy

Common Myths

- No data or dirty data
- No infrastructure
- We have reports
- No legislative framework
- No budget
- No technical knowledge
- Requires political will

Examples

We are data people.

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