

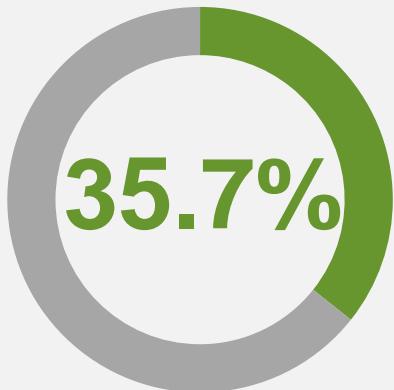
Data Visualization



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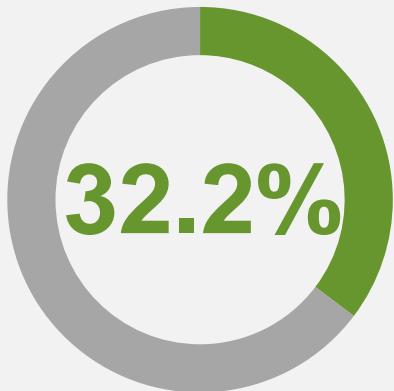
598

“A”



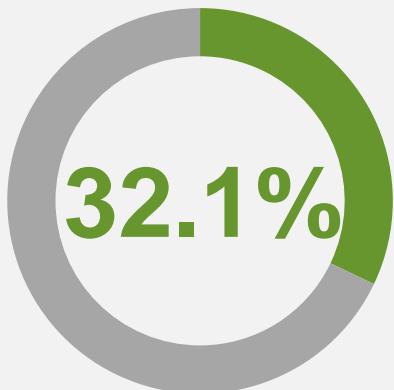
539

“ B ”



536

“C”



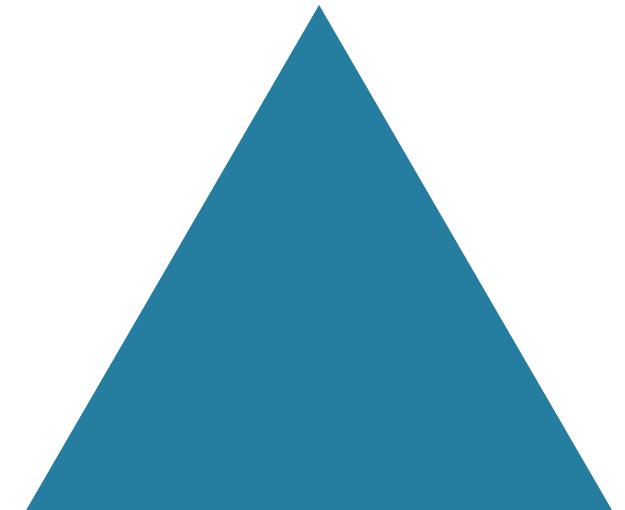
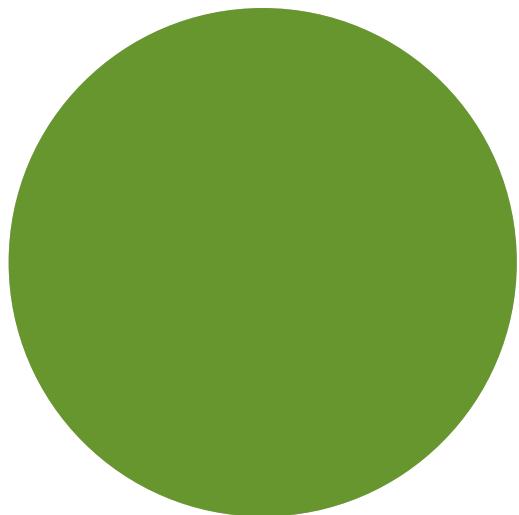
- 
- 1. Visualization basics**
 - 2. Data collection, preparation**
 - 3. Data Visualization**

1. Visualization basics

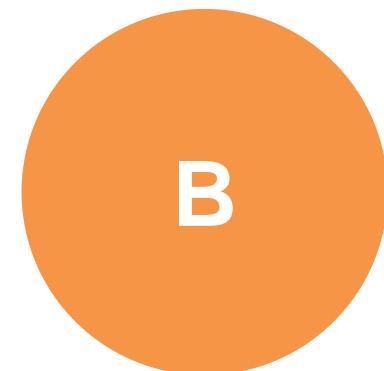
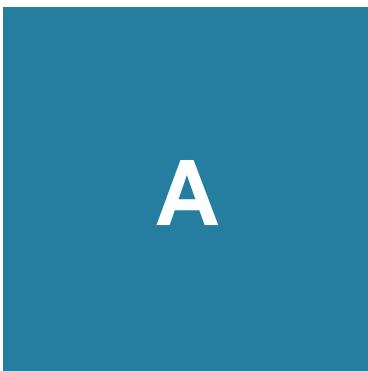
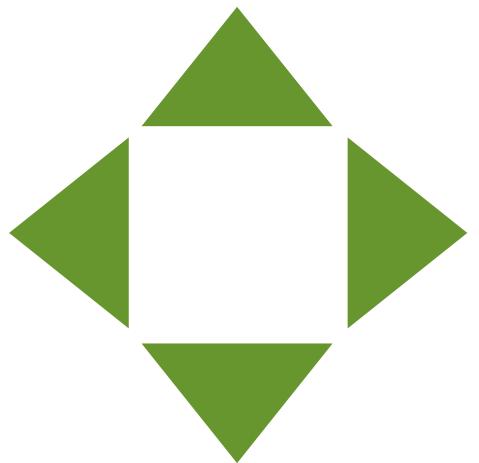




Easiest recognizable geometric shapes



Geometric sizes, shapes



OVERLAPPING COLOURS

One plus One Equals Many

For decades designers have been using overlapping colours as a visual effect, exploring the multitude of colour possibilities opened up by mixing CMYK. Perhaps there is something comforting – or even magical – about watching these colours combine to make new hues and liquid-like patterns. Overlapping colour was a common trope in mid-century Modernist graphic design that represented contemporaneity. Arguably, this was the rebirth of colour, following

The Graphic Design Idea Book



...the days of graphic design being printed in understated monochrome. The logo is perfect for both print and screen, as it allows the colourful graphics to be as vibrant and varied as needed. Colour – which changes with each application of the logo – is Bierut's tool for making the logo look different yet recognizable every time it is used.

This ability to create numerous colourways further enables designers to play with this most versatile of toolkit devices. Colour impacts mood, attitude and meaning; overlapping colour only increases this potential. As Bierut said of his design, 'the hardest part was reducing all the different colours and combinations that looked fantastic to a practical number'.

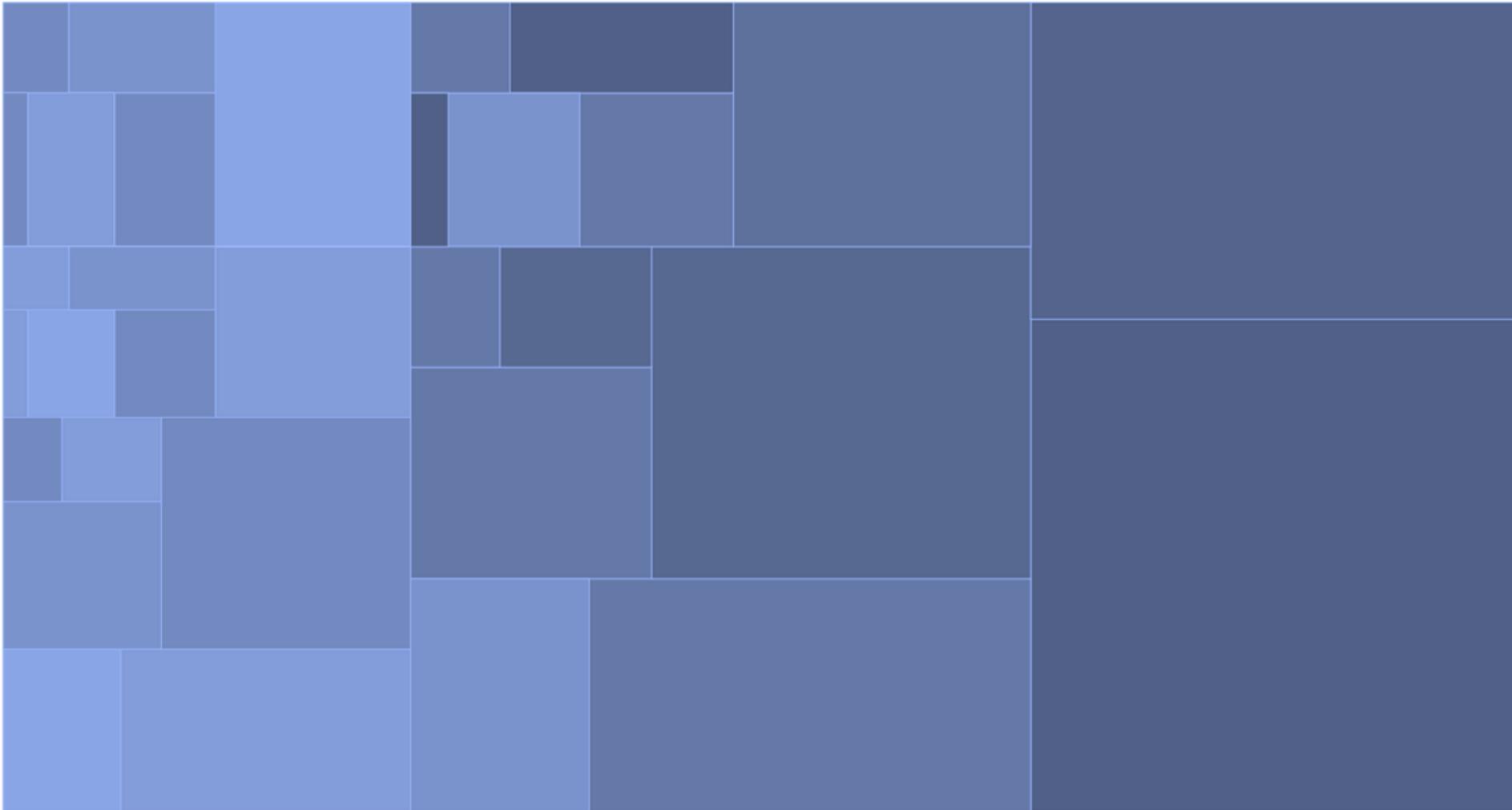
✉ Michael Bierut, 2013
Mohawk Fine Papers logo

Reading direction

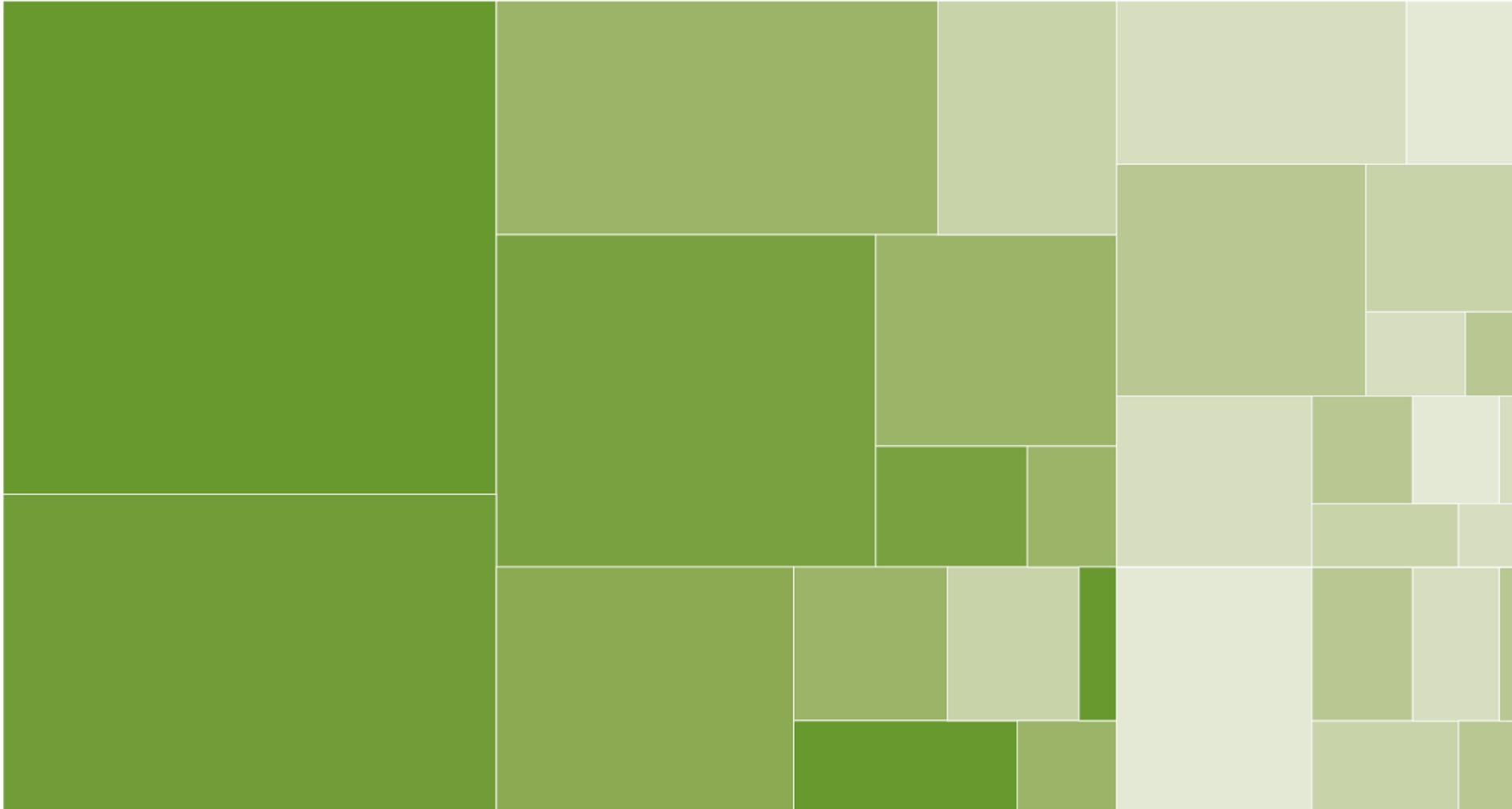


Experiment with Design

Direction of perception



Direction of perception



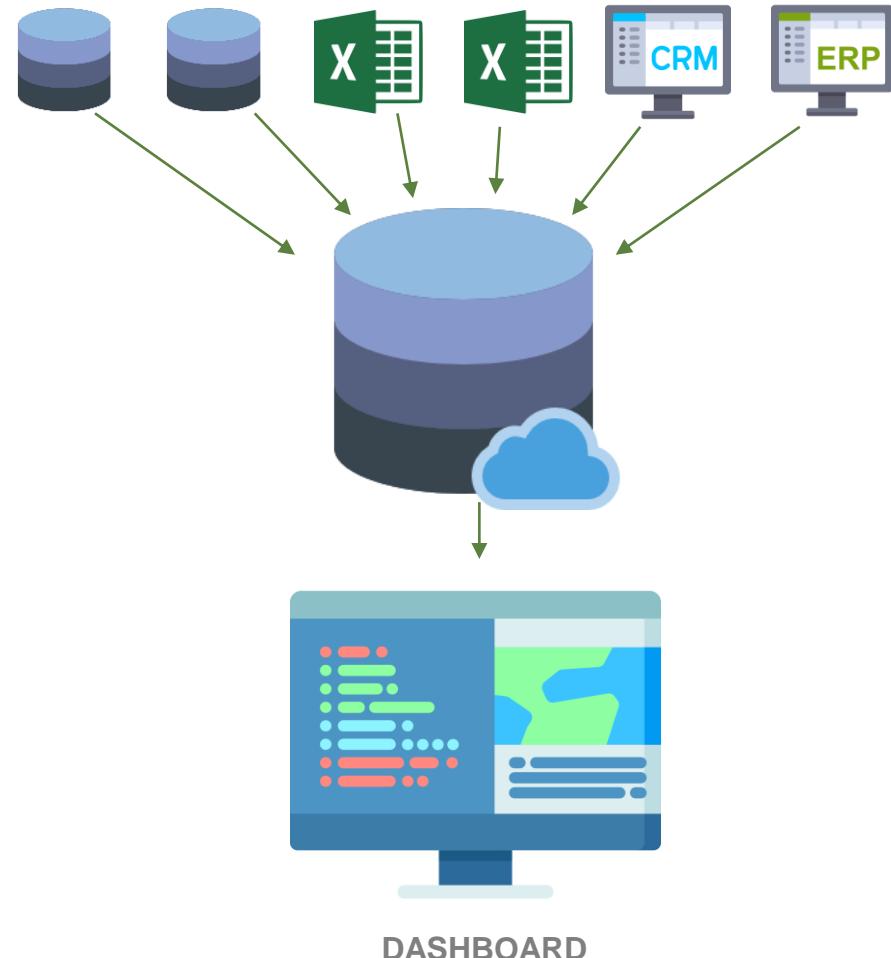
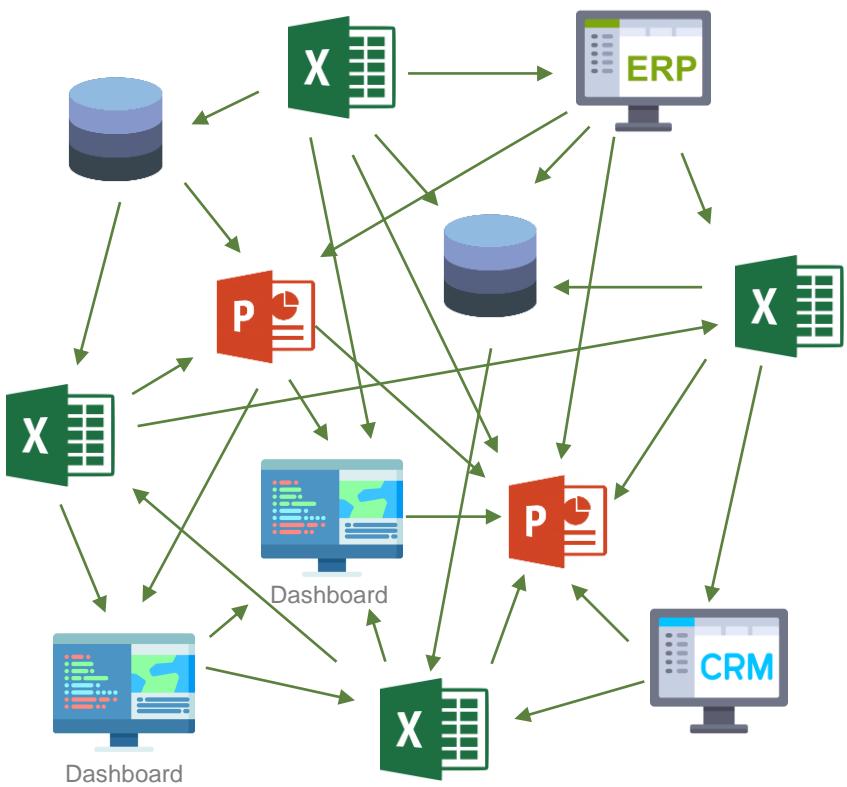
2. Data collection, preparation



Data driven organization



Data storage





Data collection

Why are we collecting data?



We have questions,
but there is no data



We already
have data, and
a hypothesis



We want to
improve our
processes



We have always
collected data

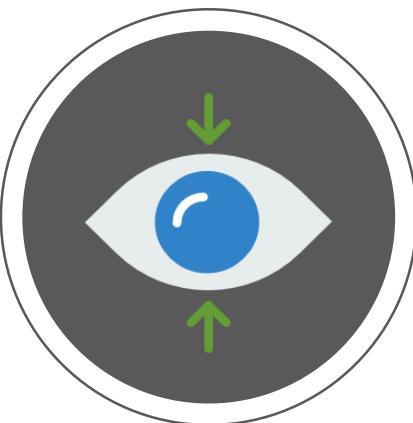


Analysis

How do we process the data?



Relevant
data



Focusing,
concentration



Continuous
expansion



Common sense
logic

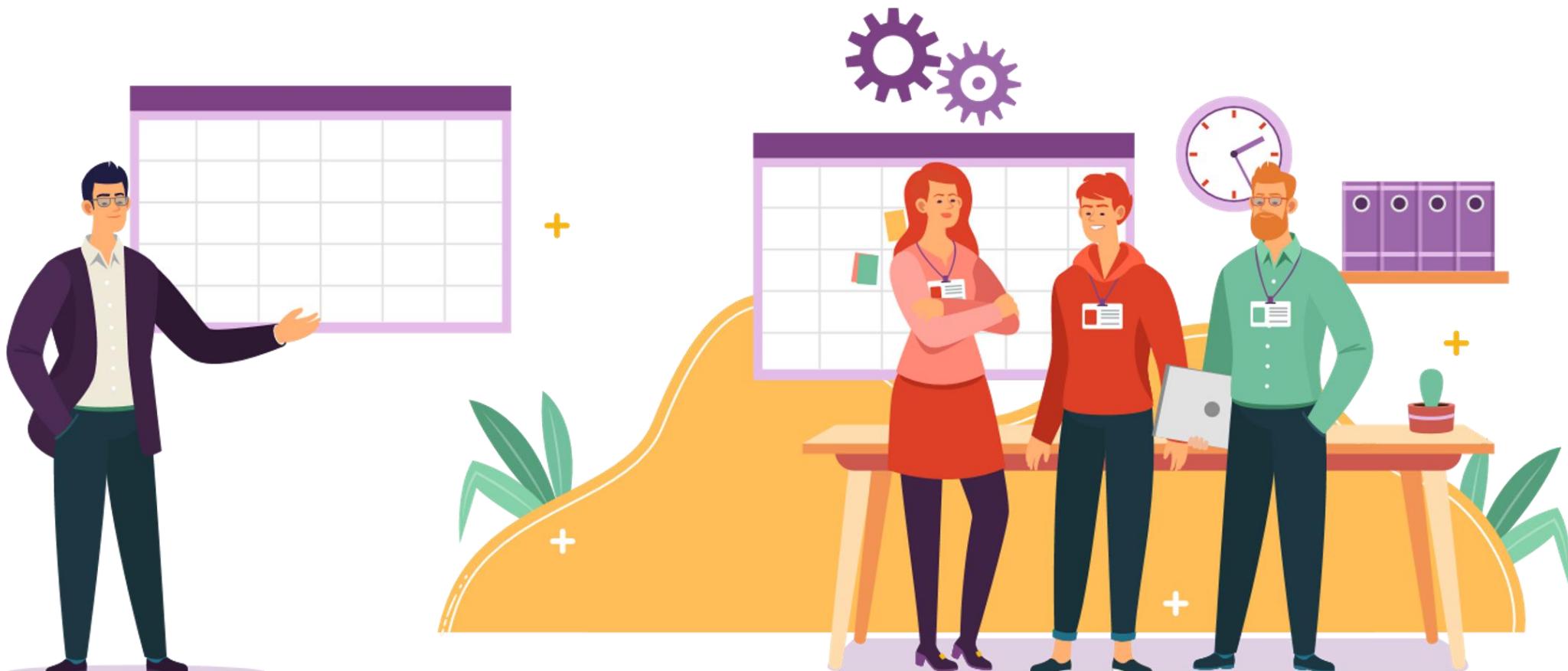


Industrial
expertise



Sharing

Who should we share the data with?





Incorporating results



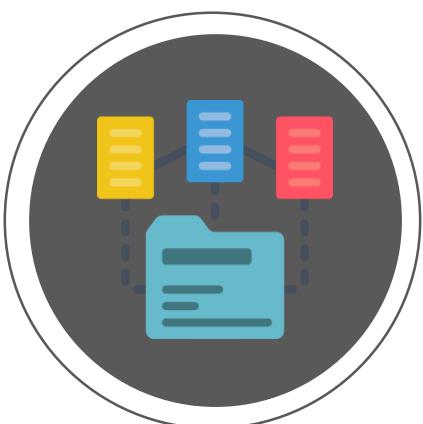
3. Data Visualization



How data visualization helps us



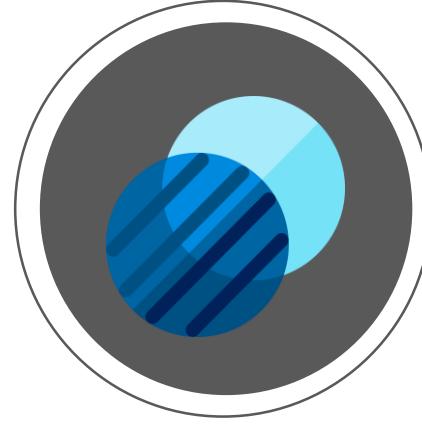
Quick information



The essence



Comparison



New context

Consistent report building



Consistent report building

		[Company Name]																		
		How Are We Doing?																		
RESP	AGE	YEAR	BRAND	GENDER	VALUE1	VALUE2	VALUE3	VALUE4	VALUES	VALUE6	VALUE7	VALUE8	VALUE9	VALUE10	VALUE11	VALUE12	VALUE13	VALUE14	VALUE15	VALUE16
146265	29	2018	10	2	3	7	4	10	4	1	10	7	8	10	2	7	3	10	3	6
963547	56	2018	5	1	8	3	8	9	6	3	2	3	10	2	3	2	7	9	6	4
929565	22	2016	6	3	4	4	3	8	7	8	10	9	8	6	1	10	5	3	1	10
348145	42	2016	1	3	3	6	10	1	4	7	7	9	7	9	9	4	2	6	10	7
260744	32	2019	5	2	2	4	7	4	9	8	1	6	4	6	6	6	9	10	8	2
685700	45	2017	3	2	6	6	7	1	9	2	5	6	3	3	6	9	9	4	10	10
781689	51	2017	6	3	8	10	8	3	4	7	2	6	5	5	9	2	4	6	5	9
330344	21	2018	6	1	8	5	7	6	3	7	5	3	7	4	5	6	6	9	9	8
395211	51	2016	6	3	3	3	2	3	4	6	4	3	8	5	5	3	2	3	7	1
366361	51	2019	9	2	8	4	2	7	9	4	10	6	1	10	10	4	10	2	2	4
553243	58	2016	3	3	8	9	9	5	10	2	9	8	3	9	8	10	3	7	8	6
246956	36	2017	6	3	5	5	4	1	6	7	9	4	10	3	4	5	10	1	2	1
242548	60	2018	8	1	10	8	2	4	7	2	3	4	6	7	5	3	10	4	9	5
180885	26	2016	10	3	4	4	2	10	9	1	6	3	3	1	4	4	9	8	3	6
293871	54	2016	5	3	8	7	8	8	6	8	4	6	5	9	3	6	5	10	8	
799390	41	2019	3	2	10	8	7	4	3	5	6	4	7	3	8	7	6	1	8	10
349029	19	2018	3	3	4	5	5	8	9	1	2	2	2	6	3	10	2	7	6	4
159378	30	2019	10	2	3	3	3	7	7	6	8	10	4	7	4	9	9	10	2	3
216874	32	2018	8	3	4	10	9	2	6	4	1	4	10	10	7	1	5	6	6	3
867393	49	2016	6	2	3	9	10	3	10	9	1	9	3	3	1	6	9	8	3	4
467760	31	2016	5	3	8	3	6	5	4	3	8	10	7	3	8	2	1	6	1	6
307404	42	2018	4	1	7	10	8	1	4	4	1	9	5	3	2	6	2	9	3	2
272942	56	2019	3	3	7	9	10	5	4	5	4	3	3	2	1	3	6	1	4	3
283507	41	2017	4	1	7	8	7	3	5	4	6	7	9	7	10	6	3	9	10	8
747493	49	2016	1	2	1	3	6	3	4	3	1	6	4	1	6	4	1	1	1	4
122592	28	2018	8	1	3	3	2	4	2	3	3	3	10	7	8	4	1	5	5	9
227697	57	2017	7	3	3	6	10	4	3	6	5	4	9	5	2	4	4	8	5	6
400190	36	2017	9	1	10	2	9	1	8	6	7	4	5	8	6	6	1	5	2	10
473758	30	2018	9	1	7	9	7	1	10	6	8	8	10	2	1	6	7	1	10	8
908666	33	2018	3	3	8	3	4	2	6	7	2	7	3	4	8	4	6	6	5	8
305457	28	2018	1	1	3	8	3	7	1	10	9	2	4	2	5	10	7	10	6	9
966706	60	2019	9	3	5	9	6	10	9	3	9	2	6	6	8	4	5	7	9	9
166814	46	2018	3	1	7	6	2	9	6	9	1	8	7	8	6	4	6	4	6	5
814275	42	2019	3	1	8	5	7	2	10	4	6	4	6	1	8	7	8	2	2	10

Consistent report building

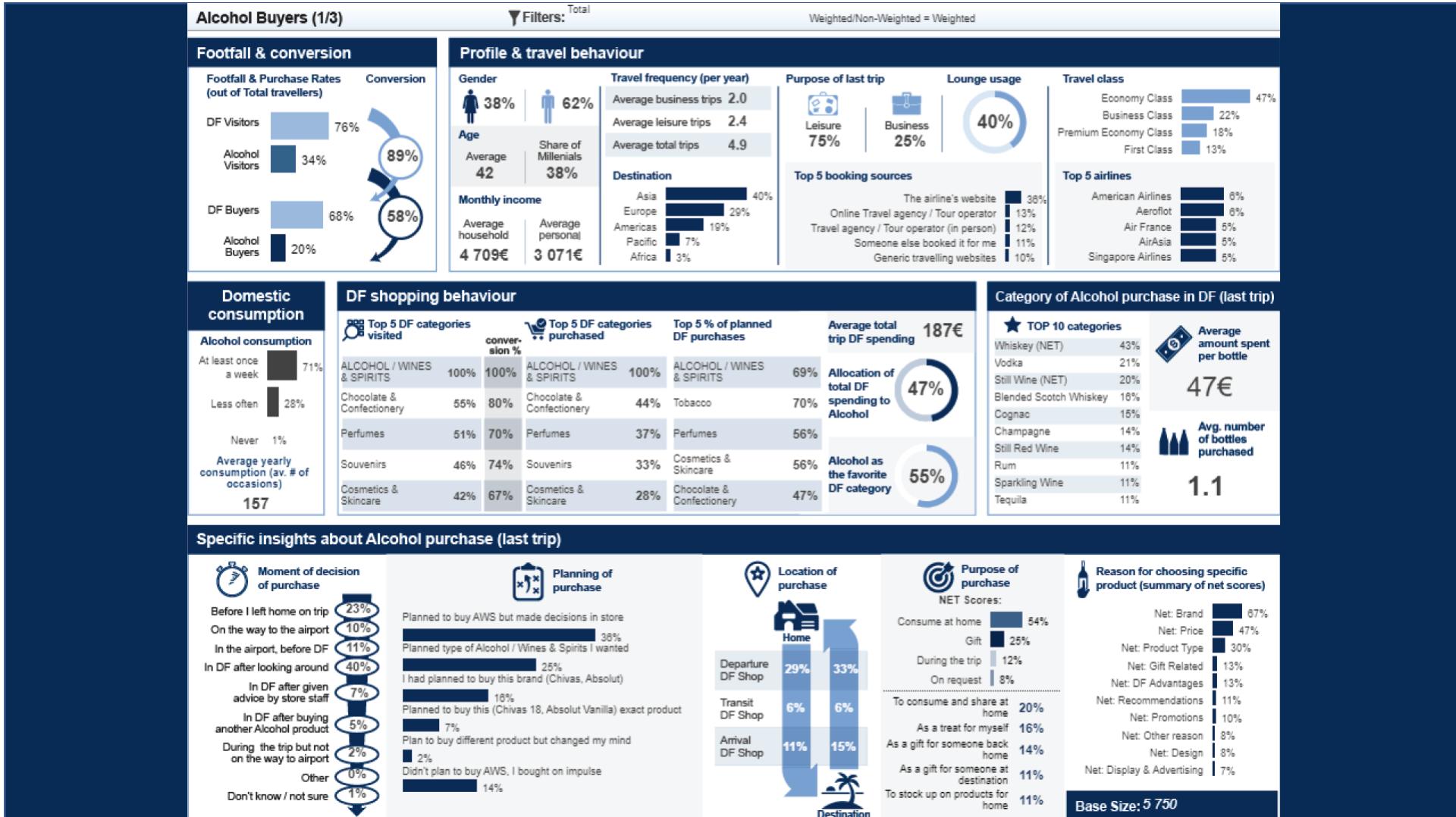
The image illustrates a consistent report building process across three main components:

- Data Layer (Left):** A screenshot of a spreadsheet application showing a table with columns AGE, YEAR, BRAND, GENDER, VALUE4, VALUE6, VALUE7, VALUE8, VALUE12, and VALUE13. The first row contains yellow headers. The table includes rows for various years (2016-2019) and brands (e.g., 507208, 210308, 698730). Several rows are crossed out with black lines.
- Filter Layer (Top Center):** A screenshot of a dashboard interface titled "SAMPLE • LOGO". It features a top navigation bar with tabs for UK, GER, FR, DK, POR, and US, and sub-tabs TAB1 through TAB5. Below the tabs is a section for "Year" (2018), "Gender" (Female), and "Filter" (e.g., Filter2, Filter3, Filter4, Filter5, Filter6, Filter7, Filter8, Filter9, Filter10, Filter11). An "Update" button is present.
- Report Layer (Bottom Center):** A screenshot of a dashboard titled "COMPETITOR COMPARISON" (SAMPLE • LOGO). It displays a central gauge chart for "BRAND POWER" (143 (-7)) with a scale from 0 to 200. To the right, there's a section for "COMPETITORS" showing "BRAND POWER SCORE" for nine brands (Brand1 to Brand9) with values ranging from 24.4% to 3.7%. Below this are sections for "PREMIUM SCORE" (154) and "NET PROMOTER SCORE" (69%). A note at the bottom states "AMONG BRAND OWNERS ONLY".

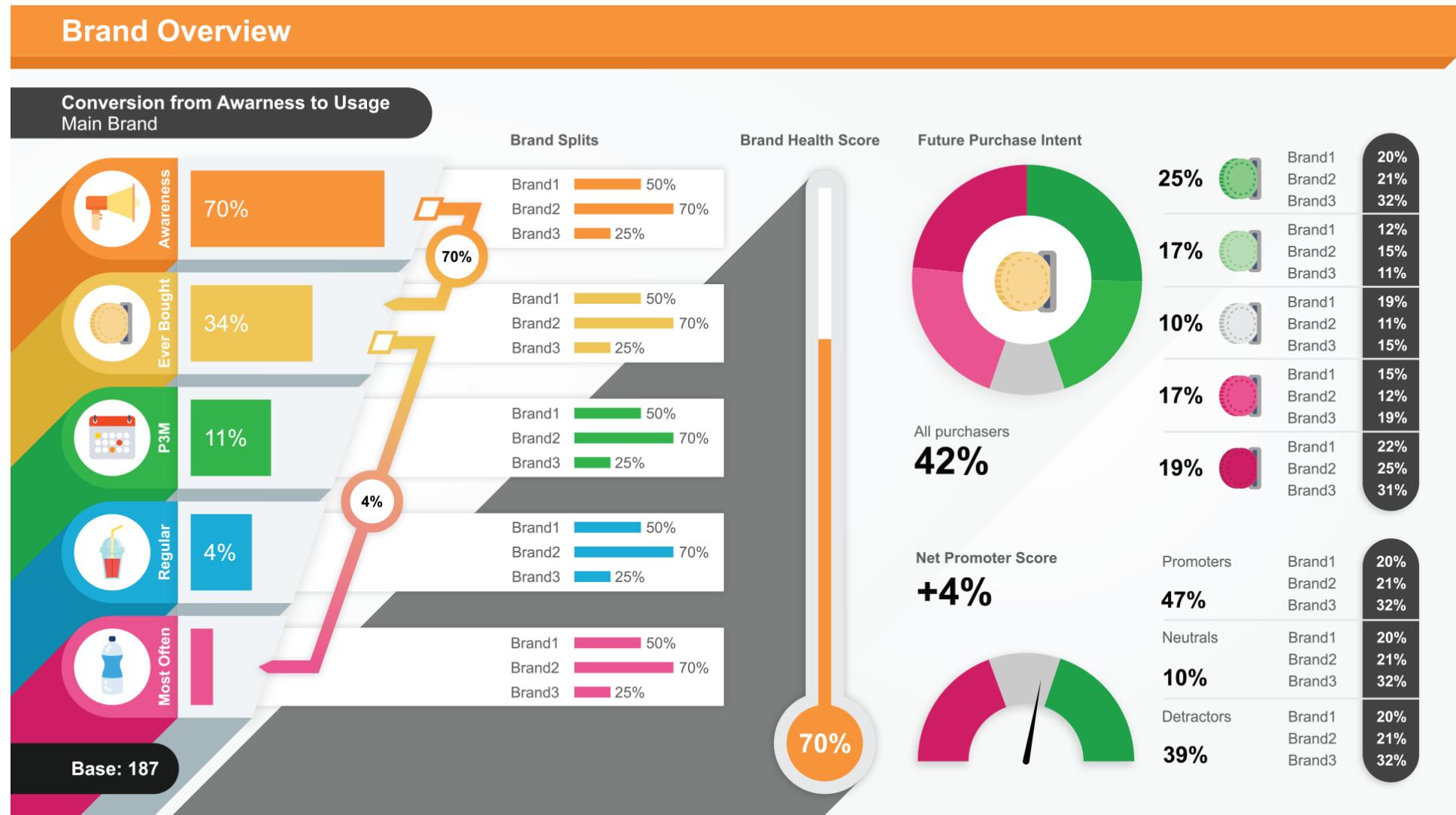
Understand first, then visualize!



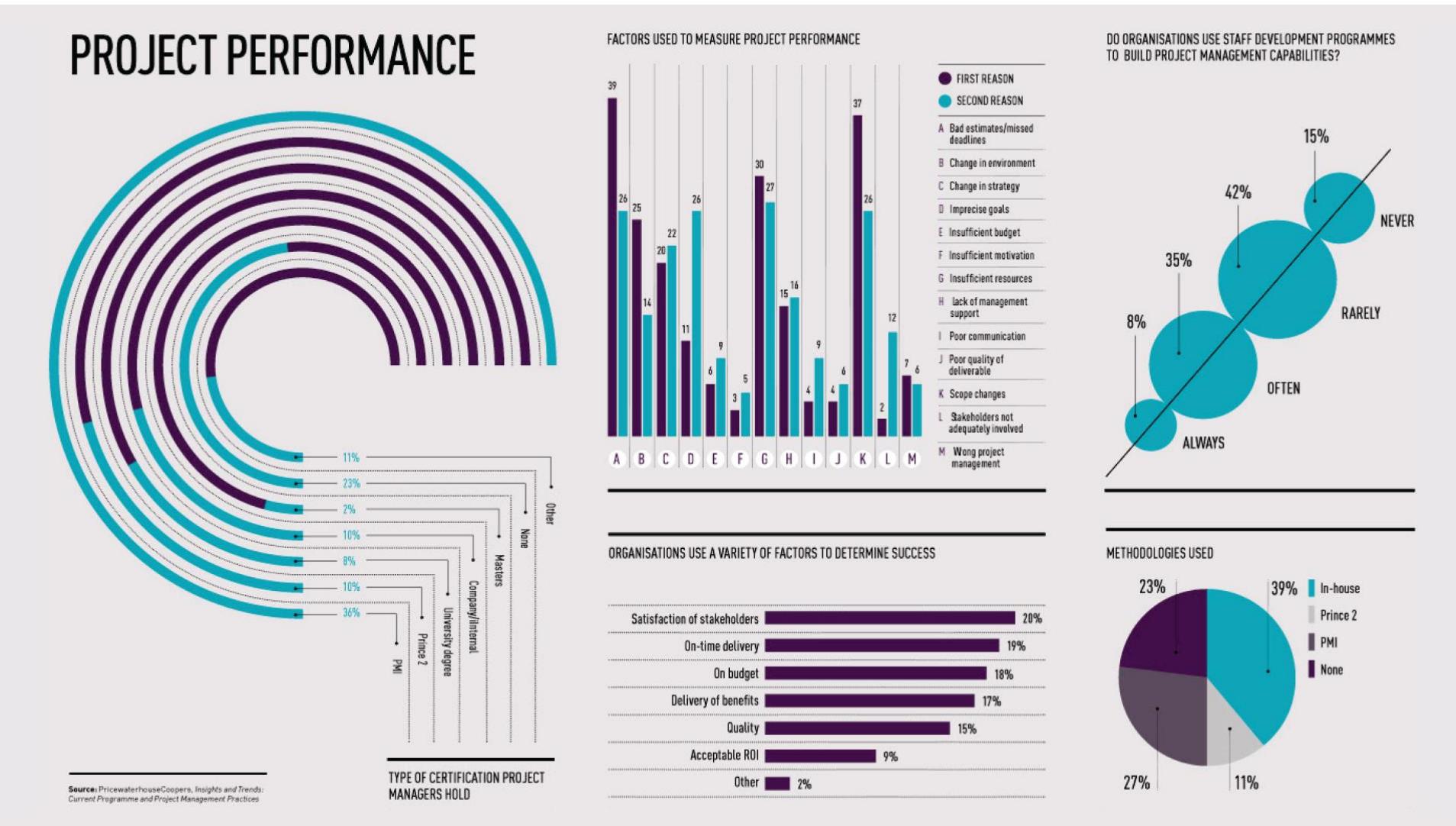
Quantity of information – too much



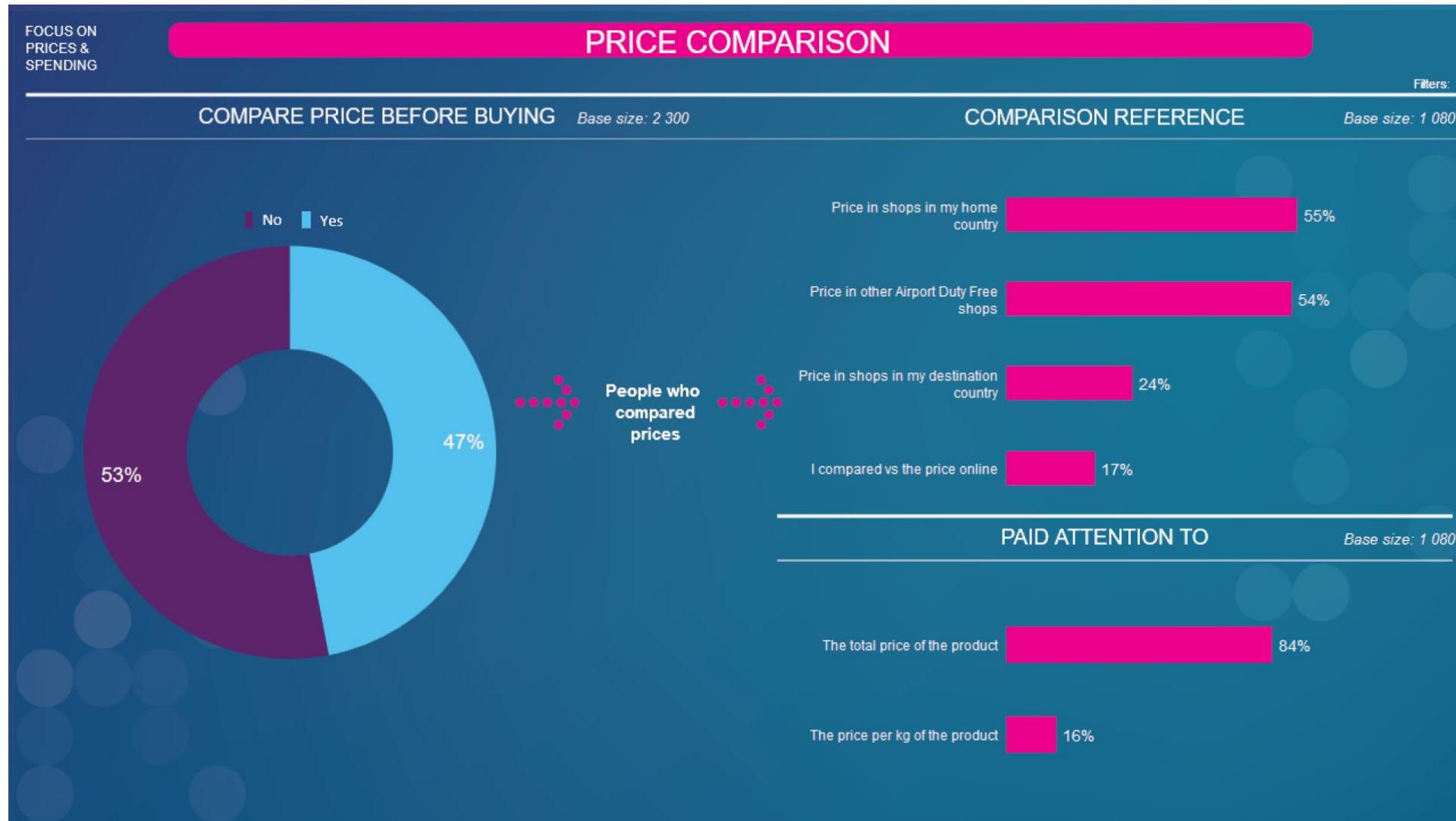
Quantity of information – simply enough



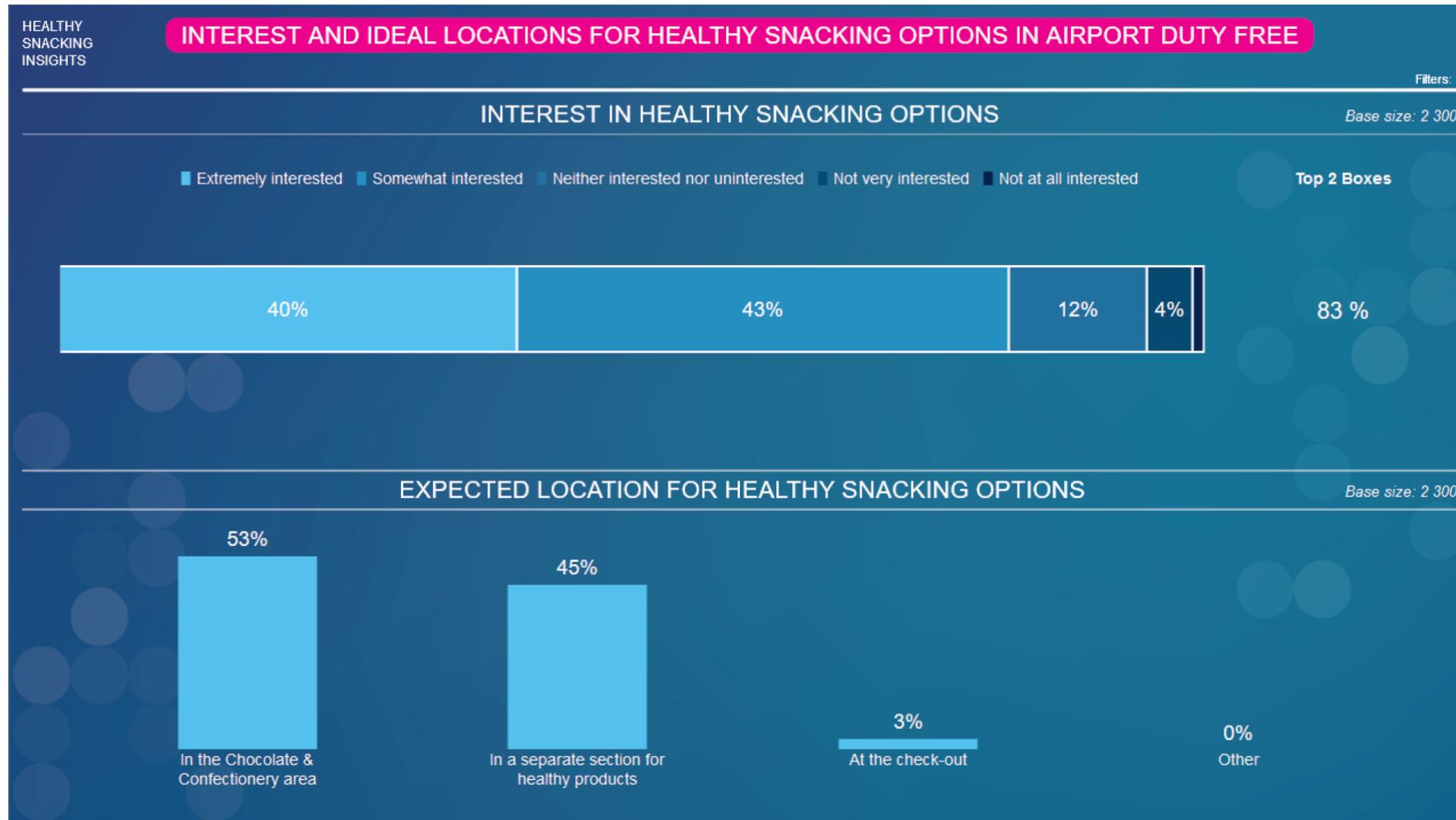
Spread – one page only



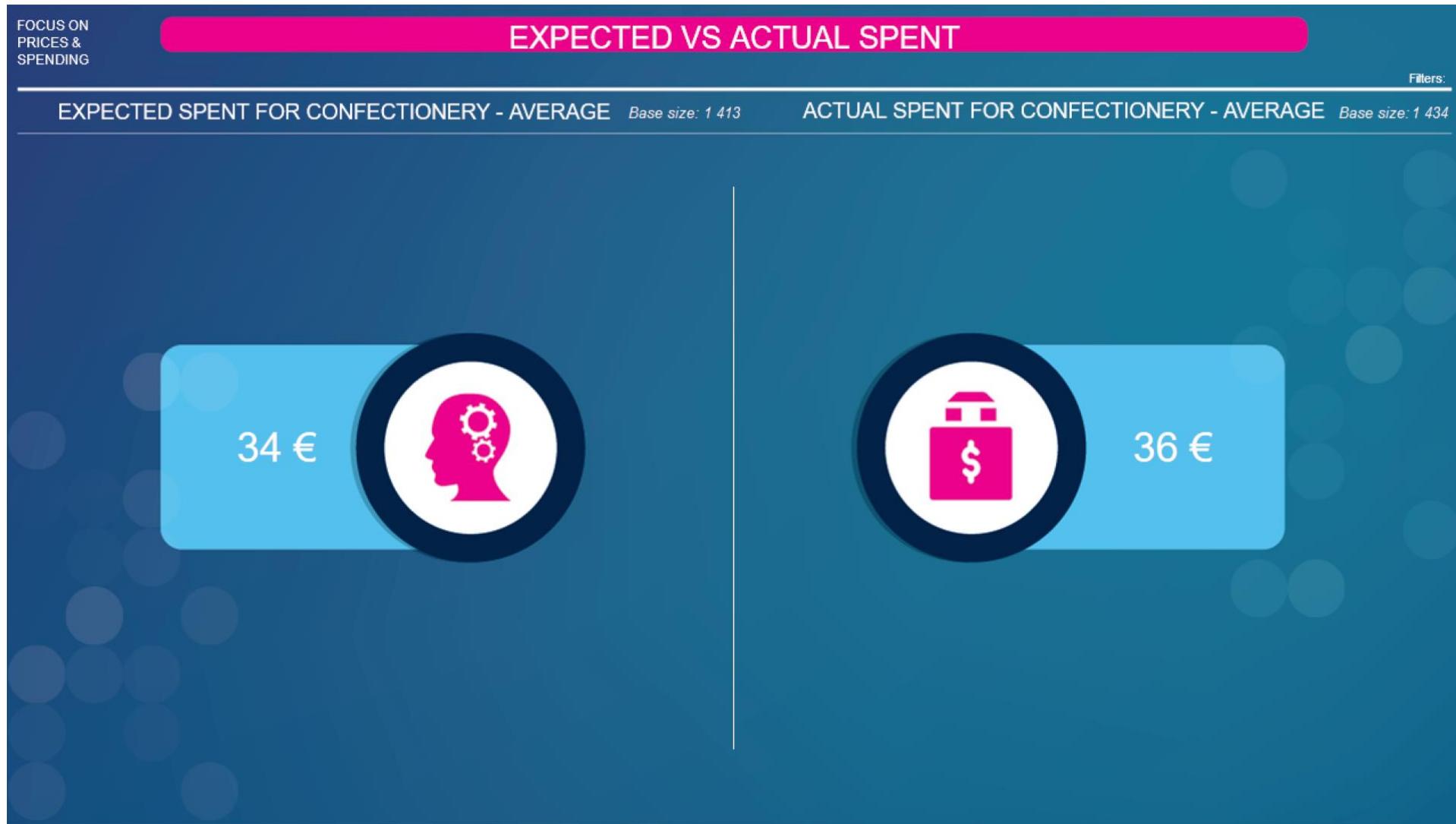
Spread – more pages



Spread – more pages



Spread – more pages



Interaction – all information on one page



Interaction – slice and dice, drill down

FlyNow

Global Cockpit Country Cockpit Customer Journey Touchpoint View Analysis Studio 2.0 Document Archive MyStories

Customer Class All Traveler type All Update

FlyNow Customer Satisfaction Cockpit

SATISFACTION (Top-2-Boxes, in %) LOYALTY INDEX NPS

71 +1 67 0 2 +2

69 69 71 71 Jan Feb March April

66 68 67 Jan Feb March April

-4 -5 0 +2 Jan Feb March April

NOR: 70 (-6), 63 (-5), +2 (-2)

FIN: 71 (+2), 71 (+3), +1 (+4)

SWE: 80 (+2), 76 (0), +33 (-1)

UK: 61 (+0), 56 (+1), -30 (+2)

GER: 77 (+4), 76 (+2), +19 (+3)

POL: 73 (+4), 67 (+3), -14 (+1)

FRA: 78 (+3), 77 (+4), +23 (+2)

ITA: 63 (-2), 60 (-2), -28 (-3)

ESP: 66 (-5), 63 (-5), -28 (-24)

TUR: 67 (-5), 67 (-1), -18 (-12)

Interaction – slice and dice, drill down

FlyNow 

Global Cockpit Country Cockpit Customer Journey Touchpoint View Analysis Studio 2.0 Document Archive MyStories

Country: Germany Customer Class: All Traveler type: All Update

Back to Global Cockpit 

Customer Satisfaction Cockpit - Germany

OVERALL SATISFACTION
(Top-2-Boxes, in %)

TOUCHPOINT SATISFACTION

Booking: 82 (-1)
Services: 82 (0)
Complaint Handling: 73 (+2)

Click to see details for each Touchpoint 

77 +4

Emotional Bonding

Carrier	Score	Change
FlyNow	77	+4
GermanCharter	85	+13
Global Player	75	-2
Local Player	82	+10

Repurchase

Carrier	Score	Change
FlyNow	80	0
GermanCharter	84	+9
Global Player	72	-3
Local Player	83	+8

Cross Buying

Carrier	Score	Change
FlyNow	70	+1
GermanCharter	81	+11
Global Player	65	-6
Local Player	80	+9

Recommendation

Carrier	Score	Change
FlyNow	78	+1
GermanCharter	85	+10
Global Player	72	-5
Local Player	83	+7

LOYALTY INDEX

76 +2

Line chart: 68 (Jan), 64 (Feb), 73 (Mar), 77 (Apr)

Bar chart: FlyNow 76 (+2), GermanCharter 85 (+13), Global Player 71 (-5), Local Player 83 (+10)

NET PROMOTER SCORE (NPS)

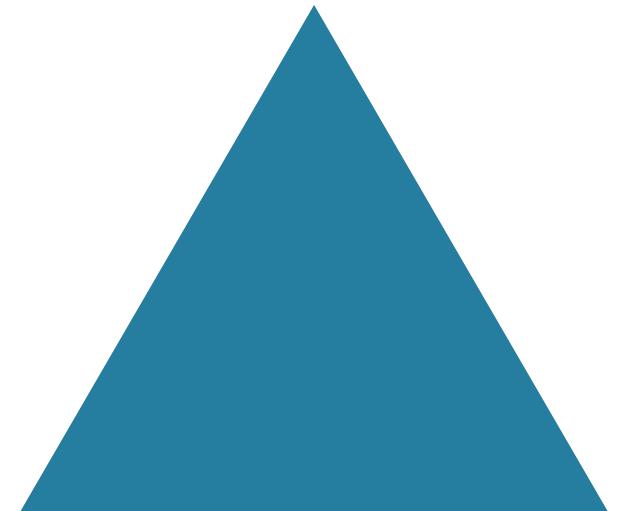
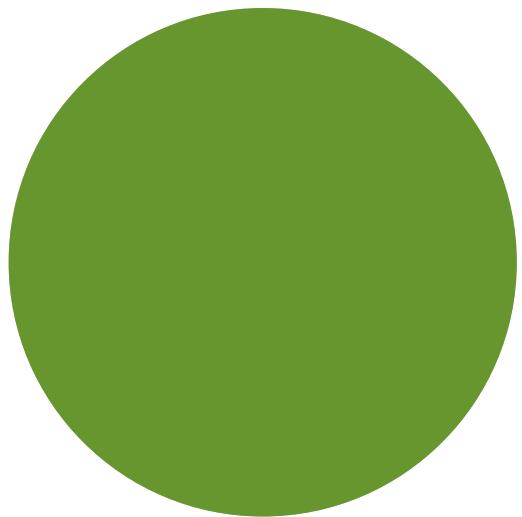
+19 +3

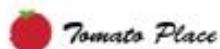
Bar chart: FlyNow 76 (+2), GermanCharter 85 (+13), Global Player 71 (-5), Local Player 83 (+10)

Summary & Conclusion



Visualization is a profession





Home Western Fast Food Category Overview Pizza Category Overview Food Aggregator & Total Delivery Service Overview Communication Evaluation

TBCA Ads Evaluation

Snapshot Comparison

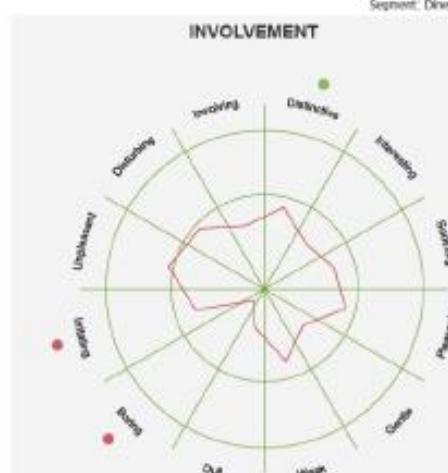
Segment	Life Stage	Location	Channel	Brand	
Dine in	Teens	Central	TVC	Brand 1	Update
Ad	Ad1				Export
					Print

[HOME](#) SNAPSHOT

IMPACT	AD	NORM
Ad Recognition	35	35
(T2B) Brand Linkage	35	35
(T2B) Enjoyment	35	35

RESPONSE (T2B)	AD	NORM
Deliver Main Thing	35	35
New News	35	35
Likely to buy	35	35
Different from others	35	35
Base:	100	100

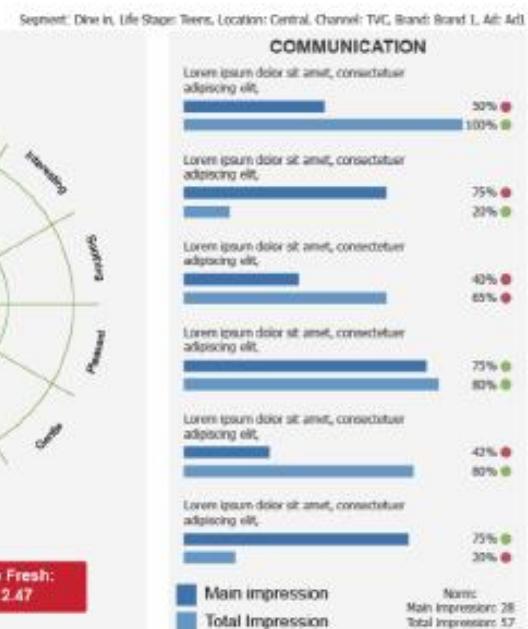
- No Significant difference
- Significantly higher than Average
- Significantly lower than Average



Taiwan Average:
3.44

Go Fresh:
2.47

Better data by design with Dapresy Pro
© 2019 by Dapresy







SUMMARY TREND VIEW BRAND FUNNEL CROSS TABLE DOCUMENTS

Country	Region	Service	Segment	Gender
No Selection				
Age Group	Time periods			
No Selection	No Selection			

Update

Export

Print

TITLE

Client listening strategic KPIs

industry sector: INSURANCE, Time periods: Full period



Overall Satisfaction:
4.4 out of 5.0



NPS:
-95

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed diam nonummy nibh.



Sector understanding:
-91%

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed diam nonummy nibh.



Bespoke approach:
100%

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed diam nonummy nibh.



Quality of service:
100%

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed diam nonummy nibh.



Responsiveness:
45%

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed diam nonummy nibh.



Proactively adding value:
55%

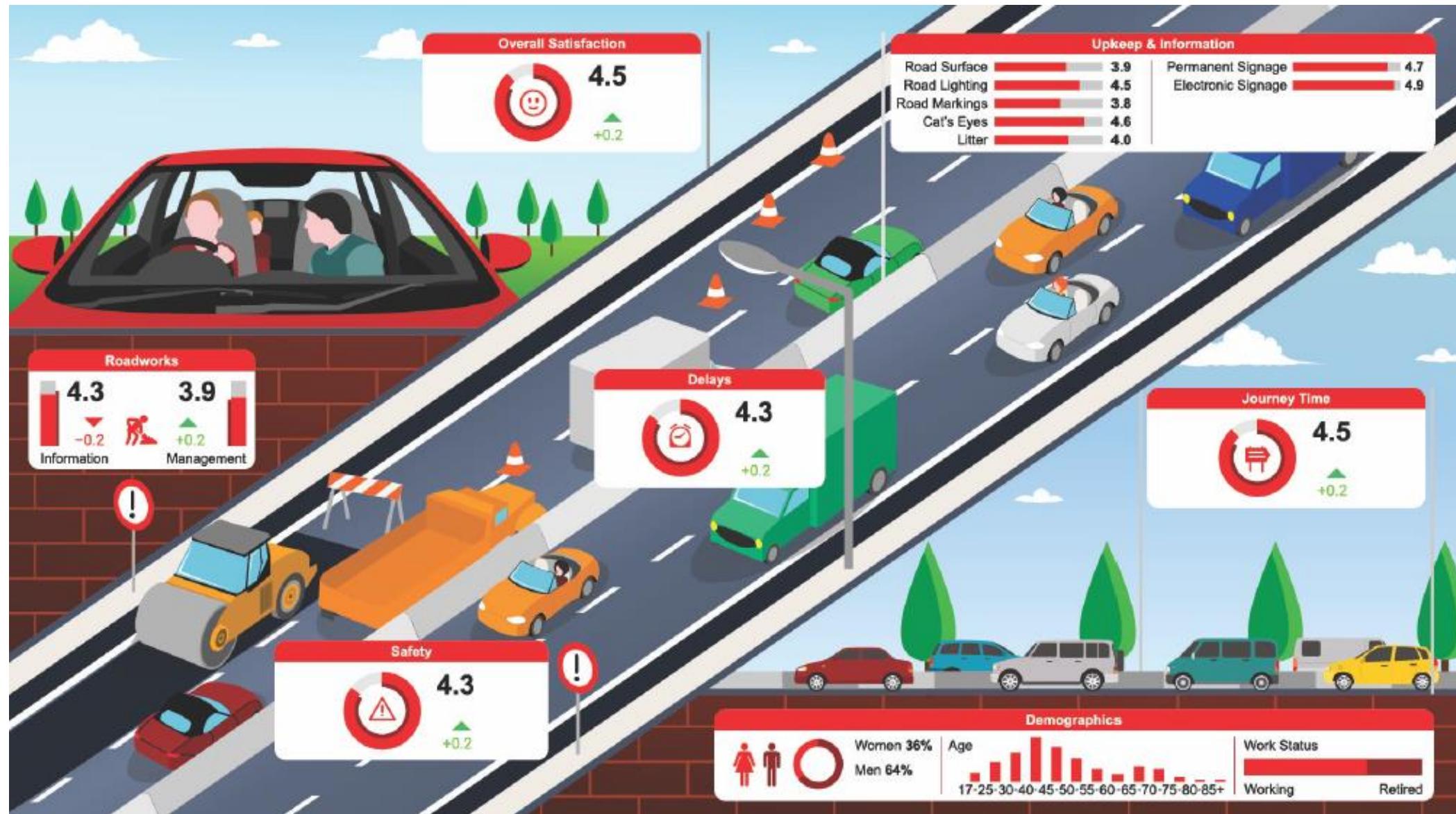
Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed diam nonummy nibh.



Easy to engage with:
56%

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed diam nonummy nibh.

Better data by design with Dapresy Pro
© 2019 by Dapresy



Brand Overview

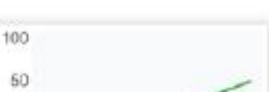
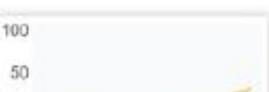
Conversion from Awareness to Usage

YOUR LOGO



Base: 187

Trends



Brand Awareness/Advertising Awareness

Unaided



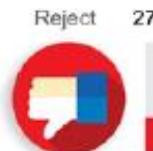
Brand: **42%**
Advert.: **10%**

Aided

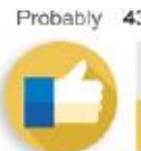


Brand: **72%**
Advert.: **22%**

Recommendation



Reject 27%



Probably 43%



Definitely 43%

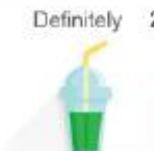
Future Consumption



Reject 11%



Probably 22%



Definitely 27%

Brand Health





LOGO DESIGN

Global Sweden Kazakhstan

COMPETITIVE LANDSCAPE / MARKET OVERVIEW / CUSTOMER EXPERIENCE / NETWORK QUALITY / CAMPAIGN OVERVIEW DOWNLOADS / DOCUMENTS

MARKET OVERVIEW / MARKET OVERVIEW - B2B

Year 2019	Gender Female	Filter1 Option1	Filter2 Option2	Filter3 Option3	Filter4 Option4
Filter Option	Filter Option	Filter Option	Filter Option	Filter Option	Filter Option
Filter Option	Filter Option	Filter Option	Filter Option	Filter Option	Filter Option
Filter Option	Filter Option	Filter Option	Filter Option	Filter Option	Filter Option

Update

SWEDEN > MARKET OVERVIEW

Time period: October 2018, November 2018, December 2018 Base: 2,448

COMPETITIVE LANDSCAPE

	Total Awareness	98%
	Spontaneous Awareness	60%
	Top of Mind Awareness	13%
	Active Consideration	30%
	Preference	14% ▲
	Main Provider	14%

CAMPAIGN OVERVIEW

NPS (base: Main Provider) +24.81 Base: 343

Delighted Customers (base: Main Provider) 35% Base: 343

Customer Intake 12,235 Customer Churn 12%

CUSTOMER EXPERIENCE

NETWORK QUALITY

- Has a wide network coverage 21%
- Has a good mobile internet network coverage 21%
- Offers fast and stable mobile internet 21%
- Has a good voice quality 22%



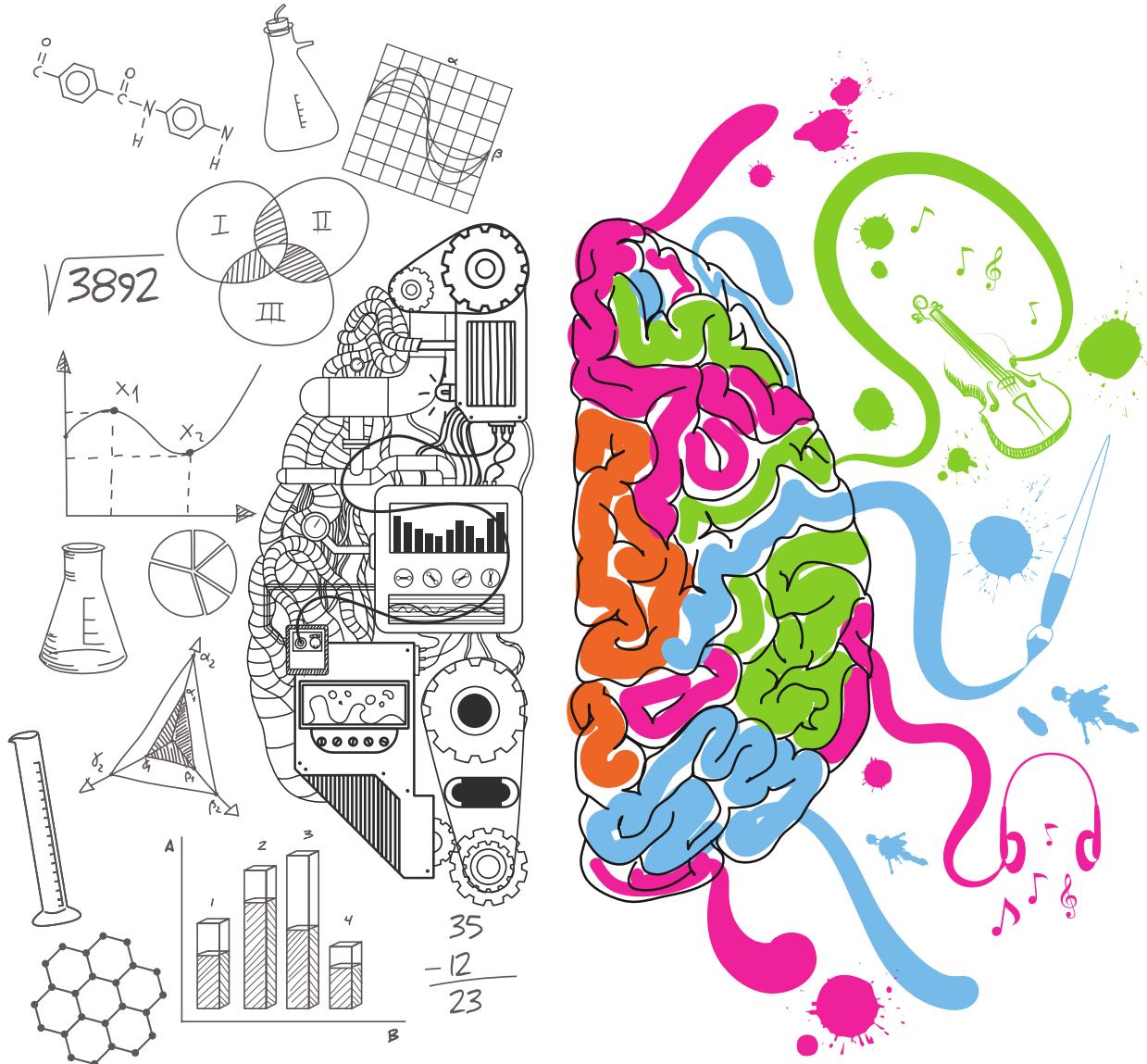


Incorporating results continuously!



Decision making ...

data driven



intuitive



DATAEXPERT

Thank you for your attention!