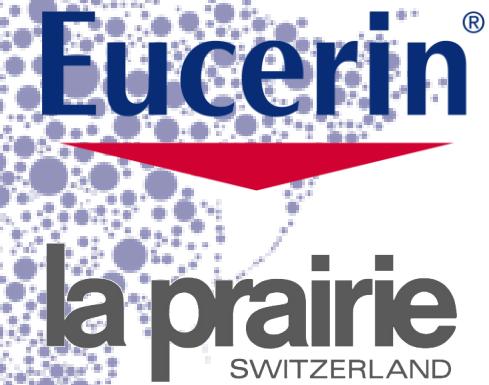




**PRODUCTION PROUDLY PRESENTS:**

# **LEVERAGING COMPETITIVE MARKET AND MEDIA DATA TO UNDERSTAND YOUR MARKETING PERFORMANCE**

# **we are a global Skin Care company.**



# a new marketing / sales reality.

## MARKETING TECHNOLOGY LUMAscape

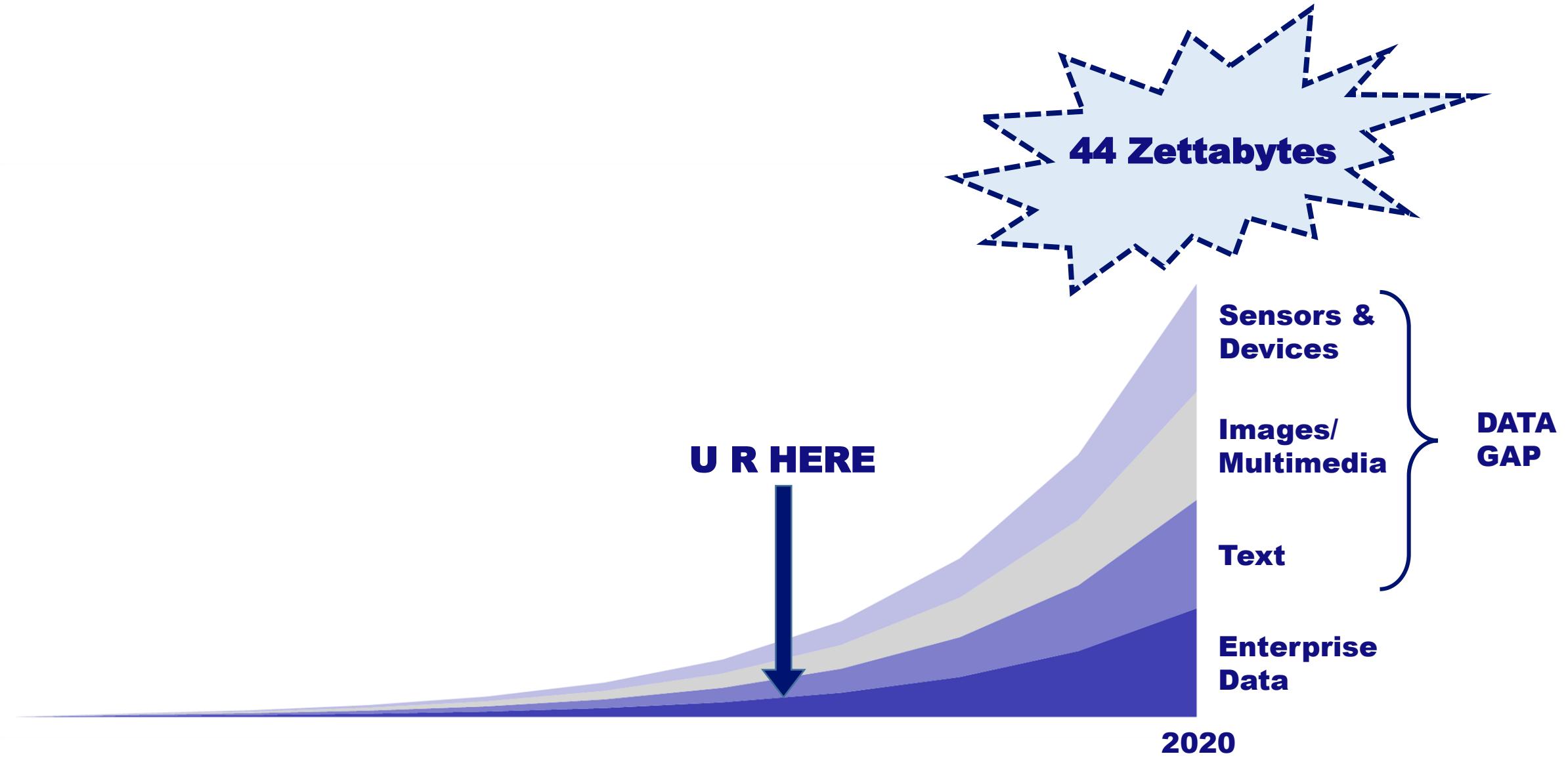


**MARSA TECH  
REVOLUTION**

**CMO OR T?**

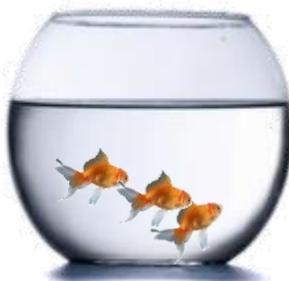
**INFINITE  
DATA**

# huuuaaa... it's BIG.

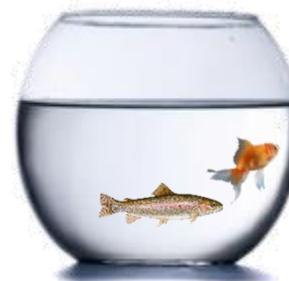


# let's get started...but how?

**SOCIAL  
ANALYTICS**



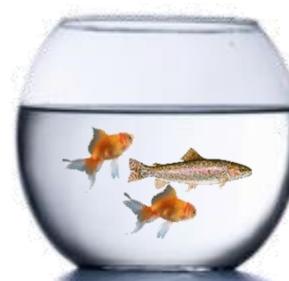
**DECISION  
SCIENCE**



**PERFORMANCE  
MEASUREMENT**

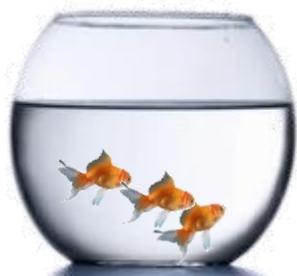


**DATA  
EXPLORATION**

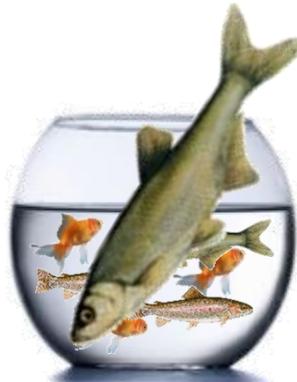


# do the un\$exy analytics first.

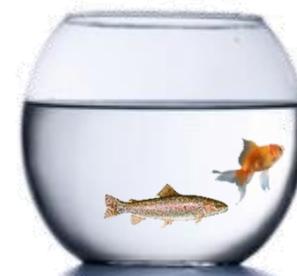
**SOCIAL  
ANALYTICS**



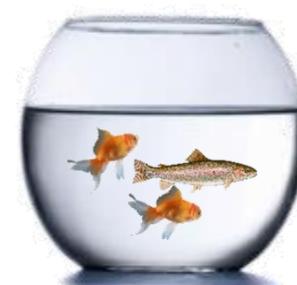
**PERFORMANCE  
MEASUREMENT**



**DECISION  
SCIENCE**

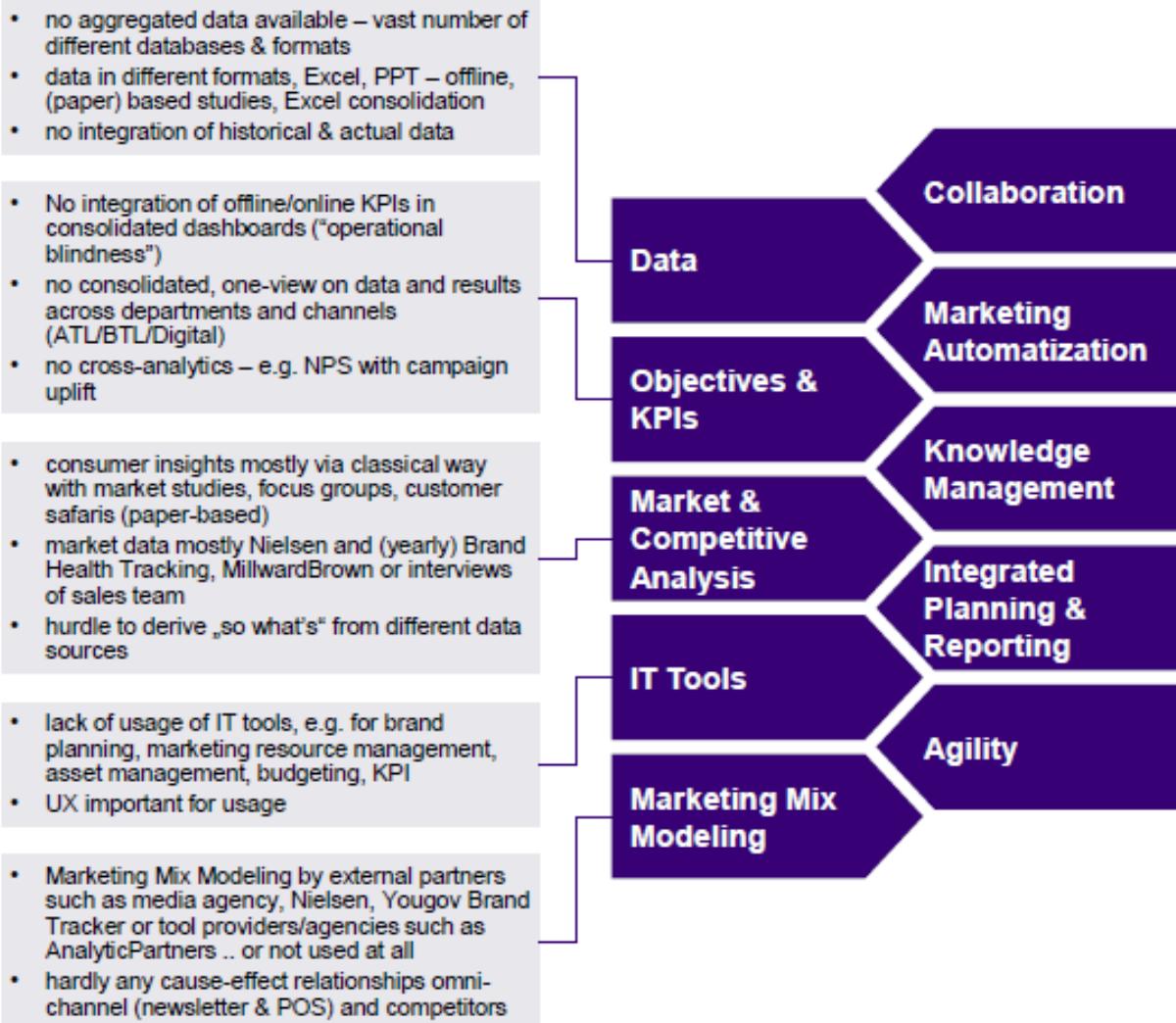


**DATA  
EXPLORATION**

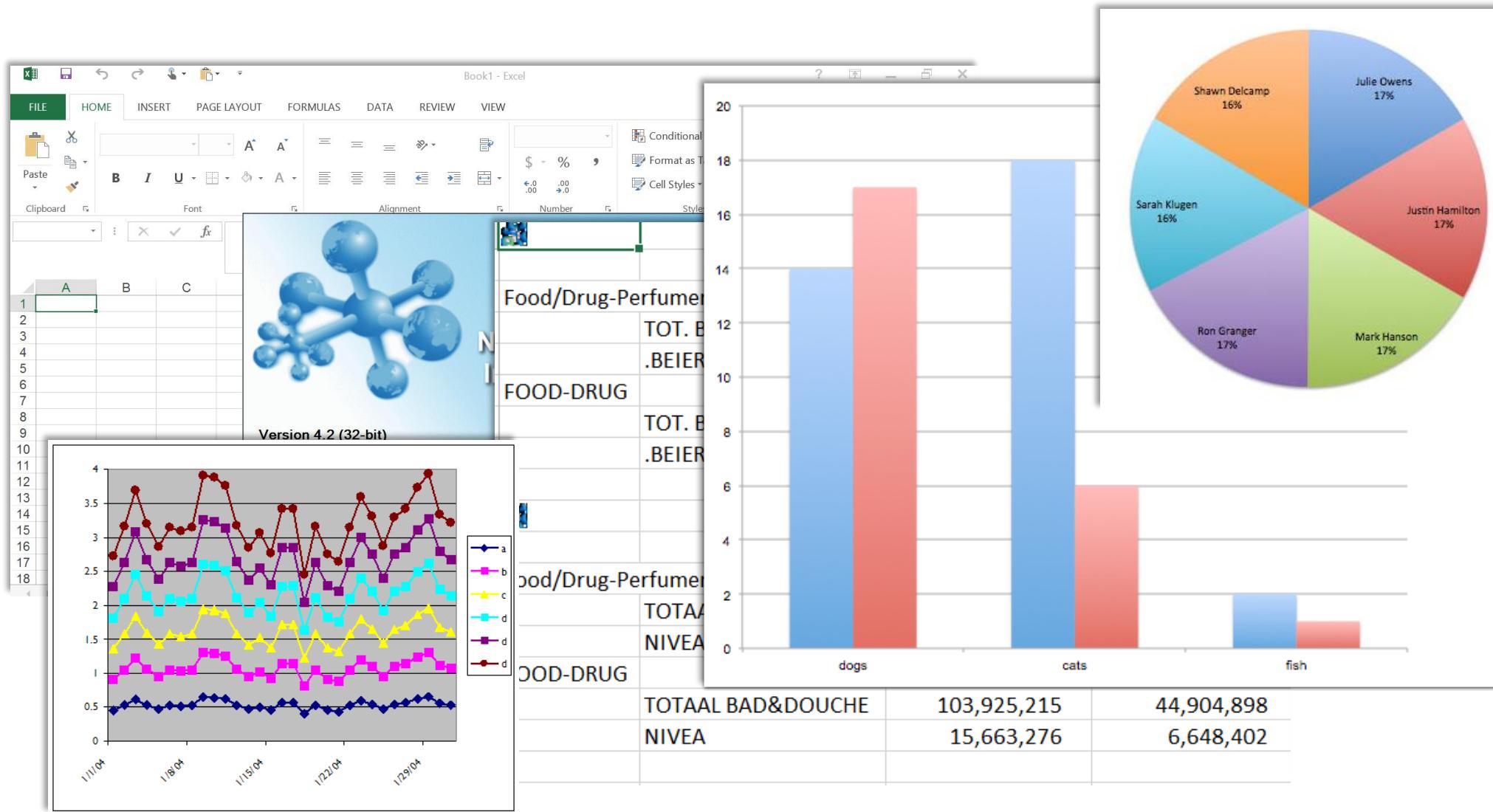


# do your homework first!

!



# less this.



# creating a global platform.

Screenshot of a SAP HANA web interface for Beiersdorf's MIQ Management Reports.

The URL in the browser bar is <https://hams0585.global.bdfgroup.net/sap/bc/ui5/ui2/ushell/shell>.

The page title is "Startseite".

The header includes the Beiersdorf logo, SAP HANA logo, search icon, and user Martin Boehm.

## MIQ Management Reports

Brand Top 15 Guided Analytics	Top 15 Market Share Overview 09/2014 Brand	Top 15 Market Share Single Periods 09/2014, P3M, Brand	Market Performance Near East 09/2014, P3M, Brand	Market Performance Far East 08/2014, P3M, Brand	Market Performance Latin America 08/2014, P3M, Brand	Market Performance Europe 09/2014, P3M, Brand	Market Performance North America 09/2014, P3M, Brand
	<b>0,4</b> Δ pp vs. PY, Vol MS	<b>0,4</b> Δ pp vs. PY, Vol MS	<b>0,5</b> Δ pp vs. PY, Vol MS	<b>0,6</b> Δ pp vs. PY, Vol MS	<b>0,8</b> Δ pp vs. PY, Vol MS	<b>0,7</b> Δ pp vs. PY, Vol MS	<b>-0,1</b> Δ pp vs. PY, Vol MS
<b>How to Customize Your View</b> Watch Full Video 	<b>How to use Guided Analytics</b> Watch Full Video 						

Top 15



## Volume Market Share P3M 12/2014

Volume Market Share (P3M) ▾

	Category 1	Category 2	Category 3	Category 4	Category 5	Category 6	Top 6
	Volume & pp Market vs. PY Share						
<b>Country A</b>	26,6 <span style="color:red">-0,3</span>	11,0 <span style="color:green">+0,2</span>	17,1 <span style="color:red">-1,9</span>	23,7 <span style="color:green">+2,0</span>	19,9 <span style="color:green">+1,9</span>	14,2 <span style="color:green">+0,4</span>	17,6 <span style="color:green">+0,6</span>
<b>Country B</b>	25,6 <span style="color:green">+0,7</span>	15,7 <span style="color:red">-7,3</span>	21,2 <span style="color:red">-1,2</span>	20,6 <span style="color:green">+1,1</span>	15,0 <span style="color:green">+0,4</span>	4,5 <span style="color:red">-0,2</span>	15,1 <span style="color:red">-0,0</span>
<b>Country C</b>	28,3 <span style="color:green">+3,4</span>	14,0 <span style="color:green">+1,5</span>	24,5 <span style="color:red">-2,5</span>	23,7 <span style="color:green">+2,8</span>	14,1 <span style="color:green">+2,3</span>	9,0 <span style="color:green">+0,4</span>	14,9 <span style="color:green">+1,4</span>
<b>Country D</b>	33,9 <span style="color:green">+1,6</span>	21,2 <span style="color:red">-0,3</span>	28,3 <span style="color:green">+0,6</span>	10,7 <span style="color:green">+0,4</span>	8,4 <span style="color:green">+0,2</span>	3,5 <span style="color:green">+1,5</span>	11,3 <span style="color:green">+0,8</span>
<b>Country E</b>	7,1 <span style="color:green">+0,6</span>	3,6 <span style="color:red">-0,7</span>		24,4 <span style="color:red">-0,9</span>	15,4 <span style="color:red">-0,7</span>	11,6 <span style="color:green">+0,7</span>	11,2 <span style="color:red">-0,4</span>
<b>Country F</b>	40,5 <span style="color:red">-3,3</span>	19,5 <span style="color:red">-2,0</span>	23,9 <span style="color:red">-2,9</span>	14,2 <span style="color:green">+0,4</span>	20,9 <span style="color:red">-0,0</span>	9,8 <span style="color:red">-0,2</span>	20,2 <span style="color:red">-0,9</span>
<b>Country G</b>	14,9 <span style="color:red">-0,9</span>	5,7 <span style="color:red">-0,7</span>	20,6 <span style="color:green">+4,7</span>	48,7 <span style="color:green">+0,1</span>	52,0 <span style="color:green">+3,5</span>		22,3 <span style="color:green">+0,4</span>
<b>Country H</b>	4,4 <span style="color:red">-0,0</span>	2,6 <span style="color:red">-0,2</span>		18,2 <span style="color:red">-1,1</span>	22,5 <span style="color:red">-2,9</span>		4,9 <span style="color:red">-0,3</span>
<b>Country I</b>	33,2 <span style="color:red">-1,8</span>	6,6 <span style="color:red">-0,4</span>	5,5 <span style="color:green">+1,3</span>	18,7 <span style="color:red">-0,9</span>	21,5 <span style="color:green">+2,8</span>	12,9 <span style="color:green">+0,4</span>	17,2 <span style="color:green">+0,2</span>
<b>Country J</b>	6,7 <span style="color:red">-0,2</span>			5,2 <span style="color:green">+0,4</span>		2,8 <span style="color:red">-0,2</span>	4,4 <span style="color:red">-0,1</span>
<b>Country K</b>	18,7 <span style="color:green">+2,6</span>		16,1 <span style="color:green">+1,9</span>	4,9 <span style="color:green">+0,6</span>		1,9 <span style="color:green">+1,5</span>	7,1 <span style="color:green">+1,6</span>
<b>Country L</b>	19,8 <span style="color:green">+0,6</span>	7,0 <span style="color:green">+0,2</span>	13,2 <span style="color:green">+0,2</span>	29,3 <span style="color:green">+2,3</span>	11,9 <span style="color:green">+1,6</span>		13,5 <span style="color:green">+0,9</span>
<b>Country M</b>	26,2 <span style="color:green">+1,6</span>	19,8 <span style="color:green">+2,5</span>	28,4 <span style="color:green">+3,0</span>	22,2 <span style="color:green">+1,0</span>	19,4 <span style="color:green">+0,8</span>	14,7 <span style="color:green">+0,6</span>	19,7 <span style="color:green">+1,2</span>
<b>Country N</b>	42,0 <span style="color:red">-0,4</span>	37,8 <span style="color:red">-0,7</span>	39,0 <span style="color:red">-2,0</span>	25,7 <span style="color:green">+0,1</span>	29,2 <span style="color:red">-1,1</span>	31,2 <span style="color:green">+1,7</span>	33,5 <span style="color:red">-0,2</span>
<b>Country O</b>	33,8 <span style="color:green">+6,1</span>	15,8 <span style="color:green">+2,3</span>	6,1 <span style="color:red">-2,3</span>	26,5 <span style="color:green">+1,5</span>	13,3 <span style="color:green">+2,3</span>		16,8 <span style="color:green">+2,6</span>
<b>Total Top 15</b>	18,2 <span style="color:green">+0,0</span>	7,4 <span style="color:red">-0,1</span>	19,4 <span style="color:red">-0,4</span>	18,9 <span style="color:green">+0,9</span>	17,5 <span style="color:green">+1,2</span>	7,7 <span style="color:green">+0,6</span>	13,0 <span style="color:green">+0,4</span>



Top Gainers & Losers



Brand Category Volume Market Share Country F P3M 12/2014

40,5%

Brand  
Volume Market Share

-3,3 pp

Brand  
Volume Market Share  
Δ pp vs. PY

-13,8%

Brand  
Volume Sales  
Δ % vs. PY

-6,7%

TOTAL MARKET  
Volume Sales  
Δ % vs. PY

Top Gainers



+1,8 pp

Δ pp vs. PY

7,9 %

Volume Market Share



+1,6 pp

Δ pp vs. PY

11,2 %

Volume Market Share



+0,5 pp

Δ pp vs. PY

3,0 %

Volume Market Share



+0,1 pp

Δ pp vs. PY

2,1 %

Volume Market Share



+0,1 pp

Δ pp vs. PY

1,6 %

Volume Market Share

Top Losers



-3,3 pp

Δ pp vs. PY

40,5 %

Volume Market Share



-0,8 pp

Δ pp vs. PY

7,4 %

Volume Market Share



-0,5 pp

Δ pp vs. PY

1,2 %

Volume Market Share



-0,1 pp

Δ pp vs. PY

1,7 %

Volume Market Share



-0,1 pp

Δ pp vs. PY

0,2 %

Volume Market Share



-0,1 pp

Δ pp vs. PY

1,2 %

Volume Market Share



-0,1 pp

Δ pp vs. PY

0,1 %

Volume Market Share



•

•



Drivers Market Share Change

Brand Category Volume Market Share Country F P3M 12/2014

11,2% Brand Volume Market Share	+1,6pp Brand Volume Market Share Δ pp vs. PY	+8,5% Brand Volume Sales Δ % vs. PY	1,2 MPCS Brand Volume Sales	2,22 EUR Brand Avg. Price	-2,9% Brand Avg. Price Δ% vs. PY
---------------------------------------	---	--	-----------------------------------	---------------------------------	---

Key Drivers

	Volume Market Share cum. Δ pp vs. PY
New Products 2 Items	+0,4 pp
Price	NA
Distribution 5 Items	+1,9 pp
Other Drivers 1 Item	+0,1 pp

Source: Retail Panel Data by Nielsen, IRI / Aztec and SRI



Key Products



Brand Category Volume Market Share Country F P3M 12/2014



Top Products - Distribution

Root Cause	Product Name	Volume Market Share [%]	Δ pp vs. PY [pp]	Avg. Price [EUR]	Δ pp vs. PY [pp]	Wght. Distribution [%]	Δ pp vs. PY [pp]
	Product XYZ STD ESS NUTR 250 CREMA IDRAT.NUTR	1,4	+0,7	1,94	-6,3	30	+16
	Product XYZ STD ESS NUTR 250 CREMA IDRAT.NUTR	1,4	+0,5	2,76	-4,2	34	+8
	Product XYZ STD ESS NUTR 250 CREMA IDRAT.NUTR	0,9	+0,3	1,83	-6,1	30	+14
	Product XYZ STD ESS NUTR 250 CREMA IDRAT.NUTR	0,7	+0,2	0,98	+2,1	23	+9
	Product XYZ STD ESS NUTR 250 CREMA IDRAT.NUTR	0,6	+0,2	1,79	-3,3	21	+6





Product Fact Sheet



Product Category Volume Market Share Country F P3M 12/2014



Key Facts



Price



Distribution

Volume Market Share	1,4 %	+0,7 pp
Volume Sales	145,8 TPCS	+90,5 %
Value Market Share	0,8 %	+0,4 pp
Value Sales	282,2 TEUR	+78,4 %
Avg. Price	1,94 EUR	-6,3 %
Wght. Distribution	30,0 %	+16,0 pp
Percentage of Brand Volume Sales	12,6 %	+5,4 %
Brand Volume Sales	1,2 MPCS	+8,5 %





Product Fact Sheet



Product Category Volume Market Share Country F P3M 12/2014



Key Facts



Price



Distribution

Price Index

55 -1

Avg. Price

1,94 EUR -6,3 %

Total Market Average Price

3,53 EUR -4,2 %

Product Fact Sheet 

### Product Category Volume Market Share Country F P3M 12/2014

 Key Facts  Price  Distribution

Num. Distribution	5,0 %	+3,0 pp
Wght. Distribution	30,0 %	+16,0 pp
Distribution Factor	6,0	

Source: Retail Panel Data by Nielsen, IRI / Aztec and SRI 

# promo.

 
Promotion Tracker
 

Selection: MAT / Volume  
Market: Country  
Product: Category

Product: Brand (global): NIVEA  
: Subcategory: none

Total Market

	Volume Performance	Value Performance	Promotion	Performance
<b>14.6 MPCS</b> <b>-1.2%</b>	<b>71.5 MEUR</b> <b>-1.0%</b>	<b>29.9 %</b> <b>-0.6pp</b>	<b>4.4 MPCS</b> <b>-3.1%</b>	<b>36.2 %</b> <b>+0.2pp</b>
Volume Sales	Value Sales	Market Share	Volume Sales	Market Share

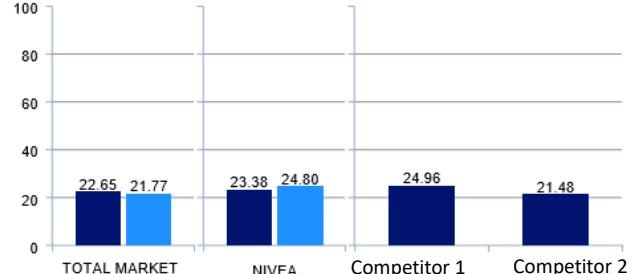
Competitor 2: GARNIER

Competitor 3: (none)

**Apply Filter** **Clear Filter**

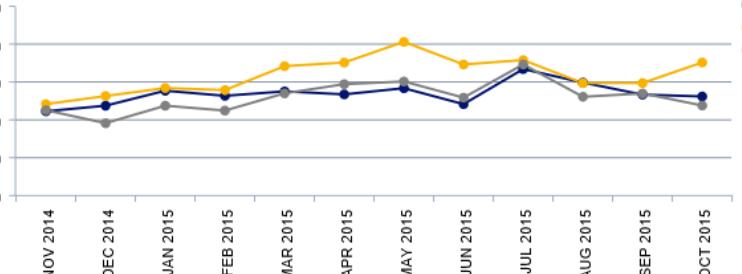
DSiM Closing Month: 10.2015  
Competitor:  
Product: Segment: none

**Promo Intensity**



Category	Value	Volume
TOTAL MARKET	22.65	21.77
NIVEA	23.38	24.80
Competitor 1	24.96	
Competitor 2	21.48	

**Promo Intensity Evolution (Volume)**



Month	NIVEA	Competitor 1	Competitor 2
NOV 2014	25	25	25
DEC 2014	28	28	22
JAN 2015	28	30	25
FEB 2015	28	32	25
MAR 2015	28	35	28
APR 2015	28	35	28
MAY 2015	28	42	30
JUN 2015	25	35	28
JUL 2015	35	35	35
AUG 2015	28	32	28
SEP 2015	28	30	28
OCT 2015	25	35	25

**Promo Share vs. Market Share**

Category	Value	Volume
NIVEA	Promo Share: 37 % Market Share: 36 %	Promo Share: 34 % Market Share: 30 %
Competitor 1	Promo Share: 20 % Market Share: 18 %	Promo Share: 11 % Market Share: 9 %
Competitor 2	Promo Share: 10 % Market Share: 11 %	Promo Share: 10 % Market Share: 9 %

**Average Price**

	AVG Price PY	AVG Price CY
Total Market	4.88 EUR	4.89 EUR
NIVEA	5.76 EUR	5.92 EUR
Competitor 1	9.42 EUR	9.28 EUR
Competitor 2	6.04 EUR	6.02 EUR


Beiersdorf Powered by BSS IT


# media.

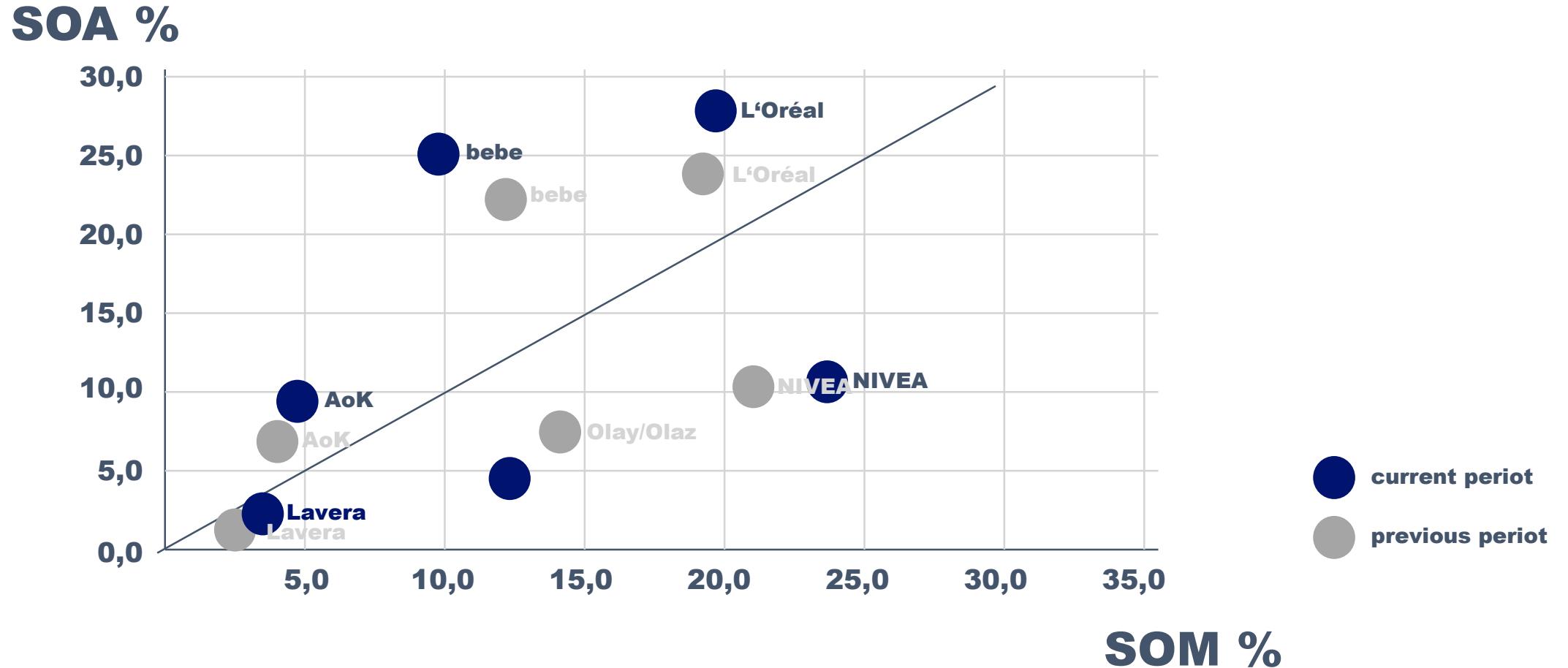
Brand Media Facts

NIVEA Men Volume Market Share Germany P3M 12/2015

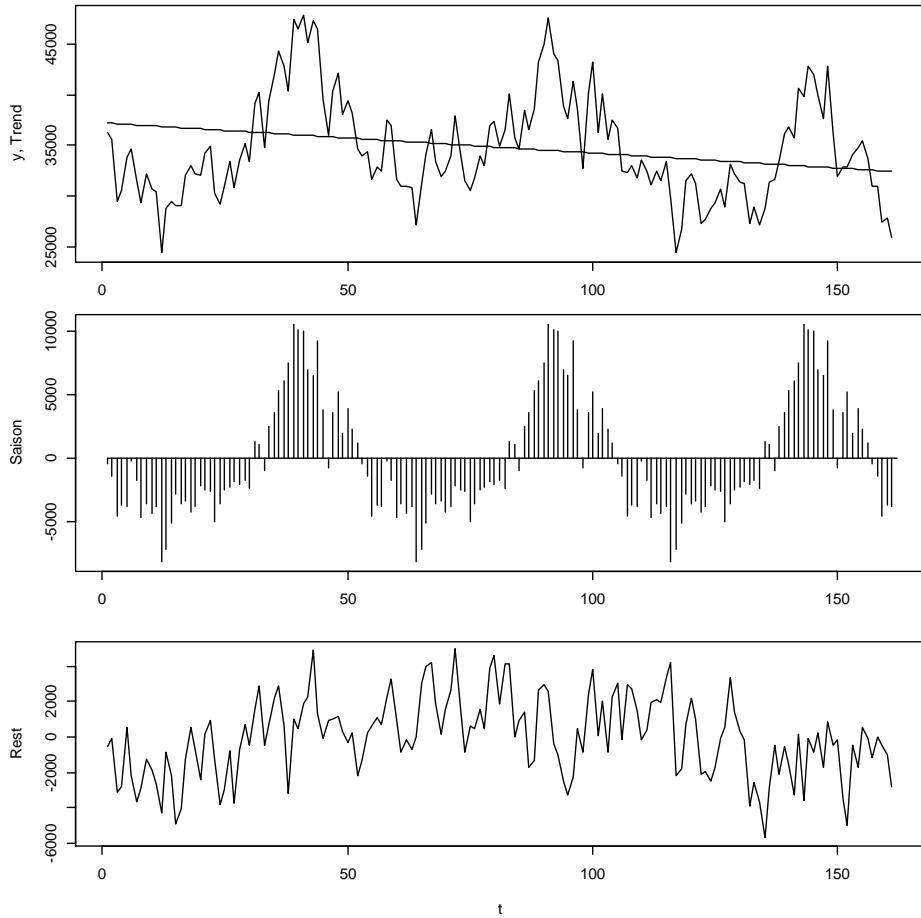
Key Facts      Price      Distribution      Assortment      Media

Value Market Share	29,7 %	+2,8 pp
Value Sales	22,7 MEUR	+12,1 %
Total Market Value Sales	76,4 MEUR	+1,6 %
Media Gross Spend	24,8 MEUR	+3,1 %
SoA/SoM ratio	1,1	+0,4 pp

# soa/som dev.



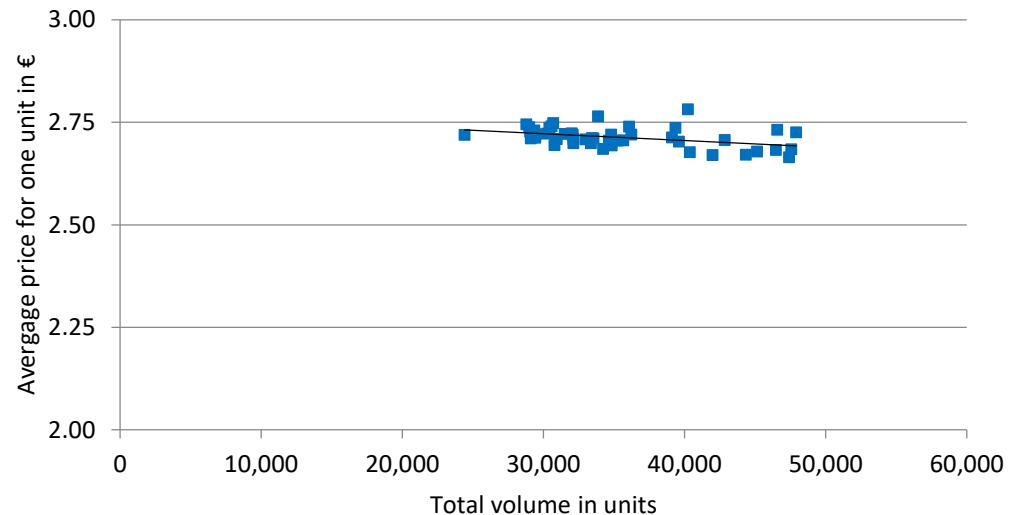
# price elasticity.



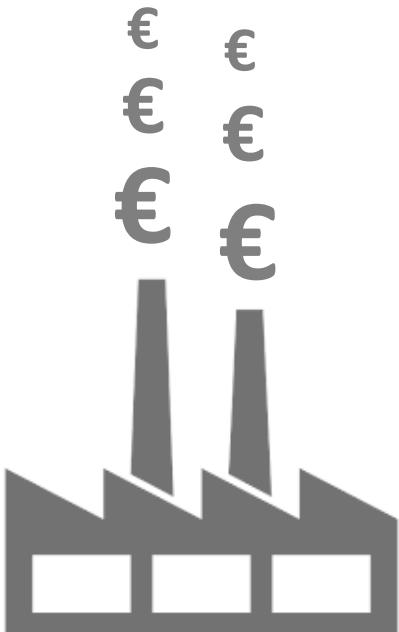
Linear Trend

Effect of Seasonality

Unexplained rest



# the predictive factory.



The screenshot displays the SAP BusinessObjects Predictive Analytics interface, specifically the Model Version screen for a project named "Fraud Claims / Fraud".

**Model Performance:**

- Predictive Power: 76.33%
- Prediction Confidence: 88.89%

**Target Key Frequency:**

- Validation: 88%
- Estimation: 89%

**Maximum Smart Variable Contributions:**

Variable	Contribution (%)
BODILY_INJURY_AMOUNT	11.28%
INCOME_CATEGORY	12.3%
AGE	12.31%
PROPERTY_DAMAGE	11.94%
PAYOUT_METHOD	5.58%

**Model Flowchart:**

```
graph LR; DEMO["DEMO"] --> HANAPartition[HANA Partition]; DEMO --> Filter[Filter]; HANAPartition --> HANAAuto[HANA Auto]; HANAAuto --> HANAClassification[HANA Auto Classification]; HANAAuto --> HANABNB[HANA Naïve Bayes]; HANABNB --> HANAC45[HANA C4.5]; HANAC45 --> HANAClassification; HANABNB --> EXTGLMNet[EXT GLMNet]; EXTGLMNet --> EXTGLMNet2[EXT GLMNet 2]; EXTGLMNet2 --> HANAModel[HANA Model Classification];
```

**SAP HANA Logo:**

**Notifications:**

- Task Run Succeeded: Task MonthlyRetrain finished successfully. 28 minutes ago
- Task Run Succeeded: Task MonthlyRetrain finished successfully. 2 hours ago
- Task Run Succeeded: Task MonthlyRetrain finished successfully. 2 hours ago
- Task Run Succeeded: Task Importation des modèles finished successfully. 2 hours ago

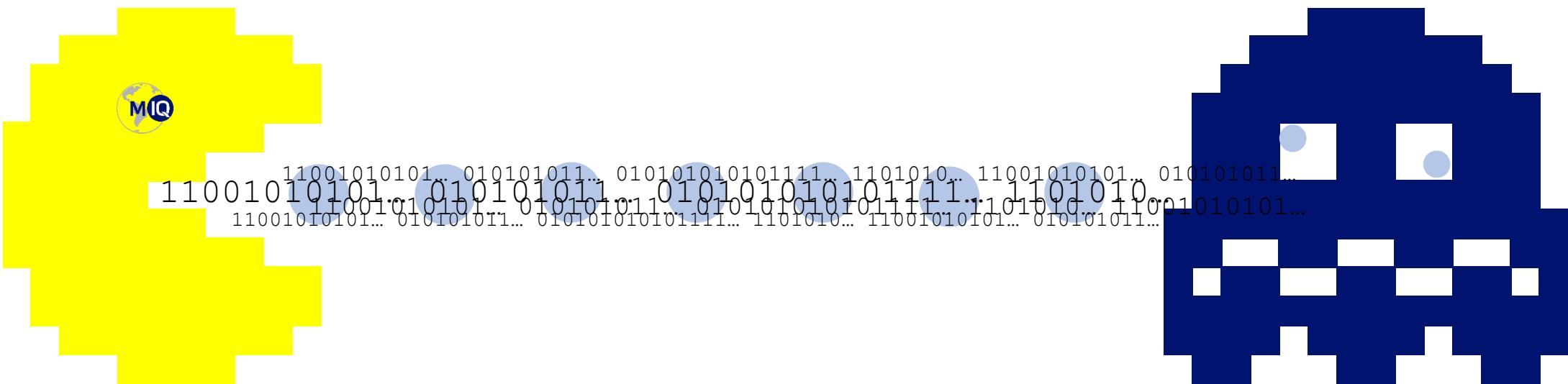
**Model Retraining Occurrences (4):**

**Prediction Confidence:**

Line chart showing Prediction Confidence over Training Date (7/20/16 1:54 PM to 7/20/16 3:24 PM). The values fluctuate between approximately 85% and 95%.

**Variable Count:**

# feed the data harmonization monster.



# powerful backend.

## Data Provider



**Full control of your data deliveries**

## Global Market Data Provider



**Define your time split**

## Global Market Data Supervisor



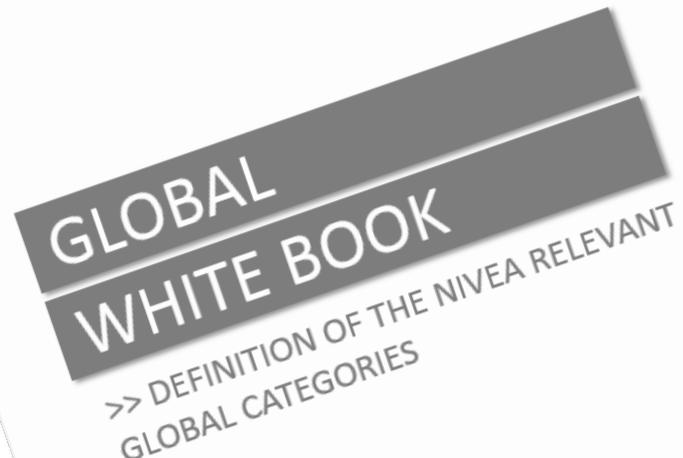
**Release & publish according to your schedule**

## Product Harmonization User



**Map & harmonize your data**

# so non-digital.



- >> Chapter 1  
Benefit for you
- >> Chapter 2  
Structure & Content of Delivery
- >> Chapter 3  
Product**
- >> Chapter 4  
Market
- >> Chapter 5  
Fact
- >> Chapter 6  
Time

GLOBAL  
WHITE BOOK

>> DEFINITION OF THE GLOBAL MARKET

## Category Overview

CATEGORY	SUB-CATEGORY	SEGMENT
1. Hand Body	1.1 Hand 1.2 Body APC	1.1 Hand 1.2.1 Body 1.2.2 APC
2. Face	2.1 Face Care 2.2 Face Cleansing	2.1 Face Care 2.2 Face Cleansing
3. Baby	3.1 Baby Care 3.2 Baby Cleansing 3.3 Baby Wipes	3.1 Baby Care 3.2 Baby Cleansing 3.3 Baby Wipes
4. Sun	4.1 Protection 4.2 After Sun	4.1 Protection 4.2 After Sun
5. Men	5.1 Men Face Care 5.2 After Shave 5.3 Shaving	5.1.1 Men Moisturizer 5.1.2 Men Cleansing 5.2 After Shave 5.3 Shaving
6. Deo	6.1 Female Unisex 6.2 Male	6.1 Female Unisex 6.2 Male
7. Body Cleansing	7.1 Bath Shower 7.2 Soap 7.3 Intimate	7.1.1 Bath 7.1.2 Shower 7.2 Soap 7.3 Intimate
8. Hair	8.1 Hair Care 8.2 Hair Styling	8.1.1 Shampoo 8.1.2 Conditioner 8.1.3 Treatment 8.2.1 Gel Cream Wax 8.2.2 Foam 8.2.3 Spray
9. Lip	9. Lip	9. Lip

Published: September 2014

**across**

**>50**



**countries.**

**across  
multiple  
data sources.**



Nielsen  
Media Research



# **five new global attributes.**



# product lines/benefits.



# packaging form/texture.



# gender.



male



female



data  
scientist

# at a granular level.

## SOURCE

Hungary	Nivea S.S.Keny.Kr.B.Milk Szb.F.250ml
UK	Nivea Body Triple Actn Cndtnng Ltn Body
France	NIVEA LAIT DOUCEUR HYDRATANT LAIT
Germany	BDF NIVEA BODY SOFT MILK LOT 250 ML
Italy	BDF NIVEA BODY ESS ALTRI 400 FLUIDA VELLI 'ANTE CORPO BURRO DI KARITE' P.SEC 1
Poland	NIVEA BDF L.Body Milk sk.wr.rum.mie.B400
USA	NV B LT D VE 8.4OZ

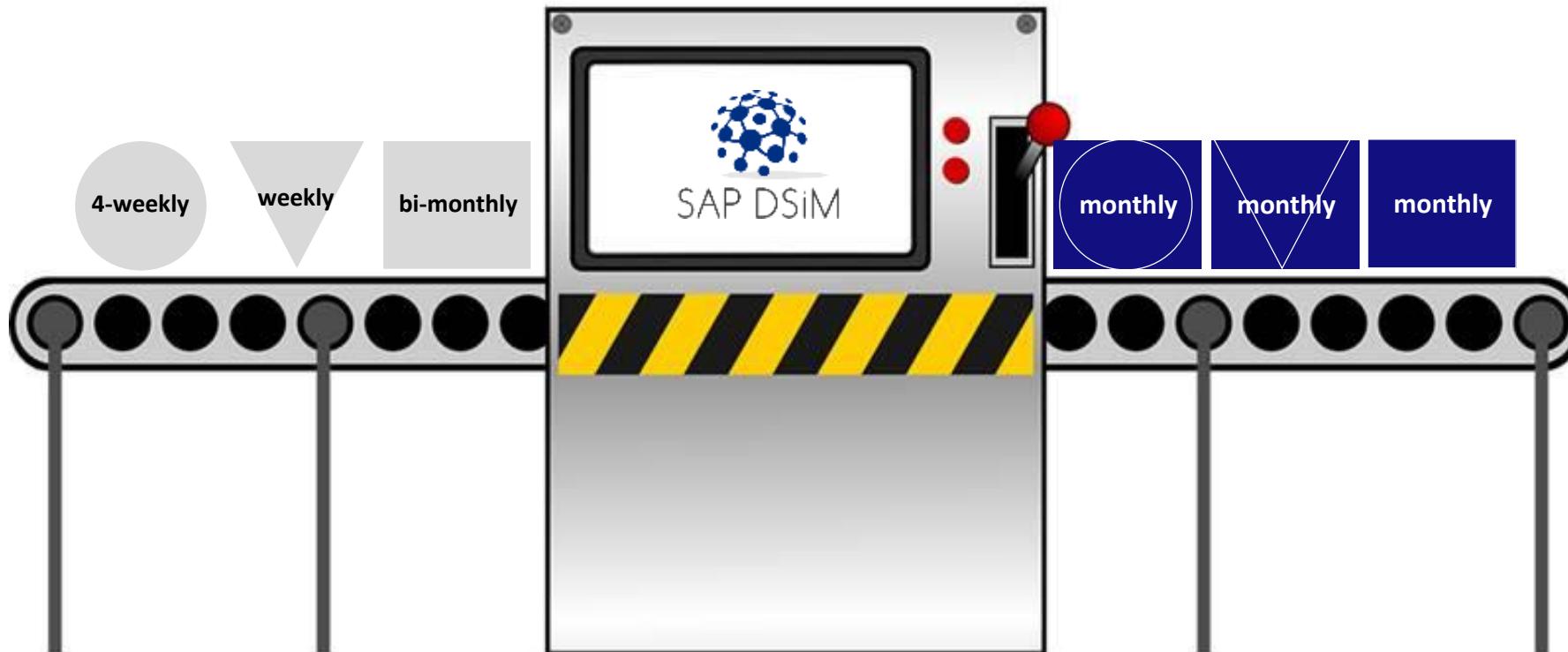


## GLOBAL



Smooth Milk  
250ml

# consistent time period.



# consistent time period.



nielsen

weekly



nielsen

4-weekly



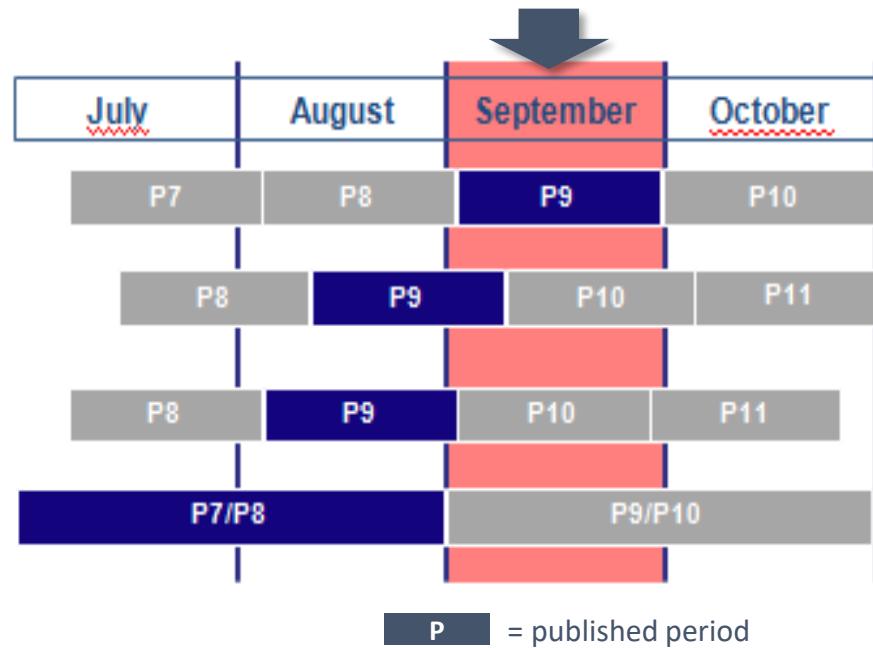
nielsen

4-weekly



nielsen

bi-monthly



# what's in 4us.

**REDUCES HARMONIZATION  
EFFORTS**



**REDUCES ANALYTICS  
EFFORTS**



**PROVIDES NEW  
VIEWPOINTS & CLAIMS**





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**“Talk business, do not talk IT”**

**Strong involvement of business users**

**Full support of top management**

**“Less is more”**

**A dedicated, small team**

THANK \_YOU\_

