Growing Smarter Together



Forsta Visualizations December 2023 Release



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1 Introduction

This document provides the new and improved features in the Forsta Visualizations 2023 December Release.

If you would like more information about these features, please contact the support team at <u>visualizationsSupport@forsta.com</u> and they will be able to assist you.

Best Regards, Forsta Team





2 Overview

StoryTeller – Enhancements to the Auto-generate slides feature

The capability to auto-generate slides/reports has been significantly enhanced, leading to more condensed and dynamic auto-generated reports.

• Multiple questions can now be reported in a single slide, providing a more comprehensive overview and facilitating easier comparison of results, particularly in grid questions.

This is an example of a slide featuring multiple questions that can now be easily autogenerated.



 A new set of slide template rules has been introduced, enabling the creation of more precise template slides. These rules can be based on factors such as Question Tags, Question Codes and Question Texts, allowing the use of dedicated slide templates for specific use cases.



This is an example of auto-generated slides based on these new rules. In this template set, the slide on the right is applied to all questions with "NPS" in the question code, while the slide on the left is applied to questions that contains "DG" (DG in this case is demographics) in question code. Automated reports can now be customized for different use cases, if standards such as question codes or question tags are utilized in your projects.

Demographics				RECOMMENDATION	à
Age groups	15.24 20-34 35.44 45.54 65 + 8560 520	Percentage 14% 18% 20% 17% 15% 15% 647	Count 93 116 127 93 166 641	<text></text>	Cour 0 233 25 33 422 66 64 63 296 64 5

StoryTeller - General updates

 Charts and tables now support simultaneous use of "benchmark only" and significance testing. This update eliminates the need for multiple objects in scenarios like the one shown below, as both the benchmark and significance test results are presented in a single data object.



 Scatter and Bubble charts now support base size suppression and base size warning. Limits can be defined globally for all series (X, Y, and Z for Bubble; X and Z for Scatter) or individually per series to accommodate various use cases.



Here is an example of base size warnings in a scatter chart, where series with low base sizes are highlighted with an asterisk (*) in legend and in tooltip.

CrossTable tool updates

 A new bulk sheet editing feature streamlines the change management process in Workbooks with multiple sheets. The initial release focuses on adjusting general settings. Easily modify settings such as time periods, enable or disable weights, adjust applied weight variables, and change the number of decimals, among others. The bulk edit option saves time by allowing changes to be made once instead of individually for each sheet.

Below, we showcase the new bulk edit option (appearing when multiple sheets are selected) on the left, and the bulk edit panel itself on the right.





• Loading performance is improved in workbooks with many sheets, leading to a significantly reduced loading time when opening saved workbooks. This enhancement contributes to a better overall user experience.

Customizable Project theme

 A new "customizable" project theme enables easy adjustments of the overall portal design to match end-customers design preferences. Through an interface, you can change report navigation colors, adjust report navigation positions, add customer logos, and more. This customization operates at the project level and complements the existing Theme logic, which is still available for more advanced theming preferences applied to multiple projects.



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This image illustrates a theme layout with report navigation on the left and filters positioned to the right.

Overview Trends - weekly Trends - monthly Cross Table tool Documents	Spontaneous brand awareness - Top of mind		Prepaid or Postpaid No selection 0 Age proup No selection 0 Gender No selection 0
	Weekly trand - Four - Swedish Telecom - Telecom for You - Tel Me More 36	Last week	Household Income No selection 0 Update
		11% 10% 0% 0% For best hear to to be to be an	
	Train you for sporting with Foods Visualizations # 2012 Protect		

• This feature is currently in limited availability. To enable access for your customer and explore it before its general release, please contact your account manager.

Data Management updates

 Monitor the data activation process with the newly introduced Activation log view. This feature provides enhanced visibility into activation times and the status of individual steps, including data import, computing of new variables, data cleaning, and hierarchy updates etc. The log also clearly lists the newly added data batches and those that were removed.



This is an example of a data activation in progress.

		Running							
Sector Sector				2023-12-7 5:17 PM			4		
atch IDs:	4,3,	2,1							G
×	Step			Status	Start time	Endtime	Duration		
	Prep	aring data		Succeeded	2023-12-7 5:17:09 PM	2023-12-7 5:17:09 PM	00:00:00		
	Activ	ating data		Succeeded	2023-12-7 5:17:09 PM	2023-12-7 5:17:11 PM	00:00:01		
	Conf	irming data		Succeeded	2023-12-7 5:17:11 PM	2023-12-7 5:17:15 PM	00:00:04		
	Clear	ning data		Succeeded	2023-12-7 5:17:15 PM	2023-12-7 5:17:15 PM	00:00:00		
	Reco	ding data		Succeeded	2023-12-7 5:17:15 PM	2023-12-7 5:17:16 PM	00:00:00		
	Calc	alating new data		Running	2023-12-7 5:17:16 PM				
	Calc	alating weight		No info					
	Updi	ting Hierarchical Filte	rs	No info					
	Upda	iting InMemory		No info					
		Succeeded		2023-12-7 5:13 PM	2023-12-7 5:14 PM	00:00:23		4	
		Succeeded		2023-12-7 5:11 PM	2023-12-7 5:12 PM	00:00:26	4		
		Succeeded		2023-12-7 5:08 PM	2023-12-7 5:08 PM	00:00:19	3		
		Succeeded		2023-12-7 5:08 PM	2023-12-7 5:08 PM	00:00:22	2		
		Succeeded		2023-12-7 5:07 PM	2023-12-7 5:07 PM	00:00:17	1		
	•	- Steps Prep Activ Con Con Con Con Con Con Con Con Con Con	 Brey Preprint data Activating data Calcinating data Calcinating data Calcinating data Calcinating weight Updating informatical File Updating informatical File Succeeded Succeeded Succeeded Succeeded 	 Brey Preparing data Activating data Calculating weights Calculating weight Calculating weight Calculating weight Updating interactual Filters Updating interactual Filters Succeeded Succeeded Succeeded 	 Bry Bry	Brow Batton Batton Batton A Bart Biser Successed 2023-127.57.107.09 PM A Achasting data Successed 2023-127.57.107.09 PM Colordmining data Successed 2023-127.57.107 PM Successed Successed 2023-127.57.107 PM Successed 2023-127.57.107 PM 2023-127.57.07 PM Successed Successed 2023-127.57.07 PM Successed Successed 2023-127.50.07 PM Successed Successed 2023-127.50.07 PM	Bry Balan Balan Balan Balan Calibration A straining data Successed 2023-127 \$17.00 PM 2023-127 \$17.00 PM 2023-127 \$17.10 PM A straining data Successed 2023-127 \$17.00 PM 2023-127 \$17.11 PM 2023-127 \$17.11 PM Calaming data Successed 2023-127 \$17.11 PM 2023-127 \$17.11 PM 2023-127 \$17.11 PM Calaming data Successed 2023-127 \$17.11 PM 2023-127 \$17.11 PM 2023-127 \$17.11 PM Calaming data Running 2023-127 \$17.11 PM 2023-127 \$17.11 PM 2023-127 \$17.11 PM Calaming data Running 2023-127 \$17.11 PM 2023-127 \$17.11 PM 2023-127 \$17.11 PM Calaming data Running 2023-127 \$17.11 PM 2023-127 \$17.11 PM 2009.21 Calaming data Running 2023-127 \$17.11 PM 2023-12 \$17.11 PM 2009.21 Calaming data Running 2023-12 \$17.11 PM 2023-12 \$17.11 PM 2009.21 Succeeded 2023-12 \$17.11 PM 2023-12 \$17.11 PM 2009.21 2009.21 Succeeded 2023-12 \$17.11 PM 2023-12	Bry Balasi Balasi Calture Control Description A line in genering data Succeeded 2032-37-51709 PH 2022-37-51709 PH 2002-37-51709 PH 2002-37-51709 PH 2022-37-51709 PH 2002-37-51709 PH 2022-37-51709 PH 2022-37-5170 PH 2022-37-51700 PH	Bity Butus Butus <th< td=""></th<>

- The import process for surveys from the Forsta HX platform now supports Text Analytics data from multiple "Text Analytics flows" instead of just one. This enhancement allows for the analysis of open-ended questions using different models.
- Ask and Act data integration is now available in new Data Import Scheduler page, it was previously only accessible in old import scheduler page.
- The Export and Import scheduler now display the "next" export/import time, providing improved visibility into upcoming scheduled exports. Below is example from a saved Import job.

F Forsta HX Platform s	irveys	1
p274273286632		
Last import		
Schedule Active (Weekly)		
Next import 2023/12/07 5:00 PM		
rted data batches		



• The SPSS Export feature has been improved. In multi-language projects, you can now choose the language for exports. Additionally, new options allow you to exclude computed and merged variables from exports, ensuring that the exported data can be exported in the same format as it was originally uploaded to the project.

Project administration updates

 In the Project Selection page you can choose between tree view and drop-down filters for folder structure filtering. The tree view is now the default and your last used preference is now saved, making it the default view upon logging in. The selected folder also remains during your session, eliminating the need to reselect it if you navigate away and return.

Below, we observe the tree view, which is now the default setting upon login.



Seamless Login from Forsta HX Platform to Visualization

• Enhancing the user experience for customers using both Forsta HX platform and Forsta Visualization, you can now seamlessly log in to Visualization directly from the Forsta HX platform (a one-way integration).



In the Forsta HX platform, click the Visualization link and it will open in a new browser tab.



• To enable this feature, a "SSO" connection needs to be defined for your customer, including user mapping, the Forsta HX Platform support team will assist you with the setup.



3 StoryTeller: Automatic Slide Generation Updates

The capability to auto-generate slides/reports has been significantly enhanced, leading to more condensed and dynamic auto-generated reports.

Multiple questions can now be reported in a single slide, providing a more comprehensive overview and facilitating easier comparison of results, particularly in grid questions.

Brand familiarity	1					(3) ¹
Percent	1 Not at all like	ely 📕 2 📕 3 📕 4 📕	5 Very likely			Mean
Brand Consideration - Four	17%	21%	19%	22%	21%	3.0
Brand Consideration - Swedish Telecom	21%	21%	20%	19%	19%	3.1
Brand Consideration - Sweet Talk	13% 11%	20%	21%		35%	3.2
Brand Consideration - Telecom for You	37%		21%	10%	11% 13%	3.1
Brand Consideration - Duty Calls	20%	21%	20%	20%	10%	3.0
Brand Consideration - Tel Me More	17%	1796	26%	21%	20%	3.1

A new set of template rules has been introduced, enabling the creation of more precise template slides for different use cases. These rules can be based on factors such as Question Tags, Question Codes and Question Texts, allowing the use of dedicated slide templates for demographic questions, awareness questions, NPS questions, and so forth.

Below, we showcase auto-generated slides based on these new rules. In this example, the slide on the right is applied to all questions with "NPS" in the question code, while the slide on the left is applied to questions with the question that contains "DG" (DG= demographics).





3.1 Report Multiple questions in a single slide

Follow these steps to report multiple questions on the same slide:

- 1. In the Autogenerate slides panel, add the variables you want to report to the right-hand side list.
- 2. To group variables on the same slide, select the desired variables and click "Group" (refer to the image below).

Note: You can only group variables of the same type; for instance, multiple scale variables or multiple numeric variables can be grouped together, but you cannot group a scale and a numeric variable in the same group.

activity verification	intervariables y	Group Group Granding	
S Consideration - Donut Call	^	Spontaneous brand awareness - In mind	12 of 12 selected
Brand Familiarity - Viz Telecom	0	Spontaneous advertising awareness - Top of mind	12 of 12 selected
Brand Familiarity - Four	Add All	Spontaneous advertising awareness - In mind	12 of 12 selected
S Brand Familiarity - Swedish Telecom	+	N Consideration - Viz Telecom	6 of 6 selected
Brand Familiarity - Sweet Talk	T bbb	S Consideration - Four	6 of 6 selected
Brand Familiarity - Telecom for You	, au	Nonsideration - Swedish Telecom	6 of 6 selected
Brand Familiarity - Duty Calls	_	Sconsideration - Sweet Talk	6 of 6 selected
Market leader - Viz Telecom	Remove	🏷 Consideration - Telecom for You	6 of 6 selected
Market leader - Four		Sconsideration - Duty Calls	6 of 6 selected
Market leader - Swedish Telecom	•	Sconsideration - Tel Me More	6 of 6 selected
Market leader - Sweet Talk	Remove A	All 📎 Brand Familiarity - Tel Me More	6 of 6 selected
Market leader - Telecom for You		Brand Familiarity - DonkeyCom	6 of 6 selected
	~	🐟 Brand Familiarity - WTC	6 of 6 selected



3. The grouped variables will now appear as a single group in the selection list. This indicates that these variables will be added into the same slide.

Search variables	G Filter variables T		Group Uni	group	Search added variables	
Consideration - Donut Call Consideration - Donut Call Brand Familiarity - Viz Telecom Brand Familiarity - Four Brand Familiarity - Sweet Talk Brand Familiarity - Telecom for You Brand Familiarity - Duty Calls Market leader - Four Market leader - Sweet Talk Market leader - Sweet Talk Market leader - Telecom You ELECT SLIDE TEMPLATE SET Template Setu	~	€ Add All + Add - Remove Remove All	 Spontaneco Spontaneco Group Group Consisi Rand Fam Rrand Fam 	us brand a us adverti deration - 1 deration - 1	awareness - In mind Ising awareness - Top of mind Ising awareness - In mind Viz Telecom Four Swedish Telecom Sweet Talk Telecom for You Duty Calls Tel Me More onkewCom	12 of 12 selects 12 of 12 selects 12 of 12 selects 6 of 6 selects

To ungroup, use the "Ungroup" option. To add /remove question to/from an existing group use drag and drop.

In the Auto-generation process, variables reported on the same slide will be included in all data objects on that slide. For instance, if the slide template includes both a chart and a table, the variables will be added into both the chart and the table.

Note: In the previous version, it was not possible to save a slide into a template set if the slides contained data objects, such as a chart or a table, with multiple variables. This limitation has now been removed, allowing the creation of slide templates that are useful for multiple variables.



3.2 Template slides with conditions

In the previous version, logic was employed to assign a slide template to each variable based on variable type. For instance, all scales were reported in the same slide template, and all single-choice variables were assigned to another. For more precise reporting, you now have the option to have multiple slide templates for each variable type. Each template set can include a "default" slide template for each variable type and additional slide templates with conditions.

Below, we provide an example of slide templates for scale variables in a Template set. As illustrated, there are two slide templates with specific rules and a default slide template (located at the bottom of the list). During the slide generation process, the templates are evaluated from top to bottom. When the condition specified in one of the slides with rules is met, the corresponding slide template is utilized. If none of the template slides with rules is met, the default slide template is applied to the question.

Template A 🗸		
Oescription	1	
Single choice	III Numeric I Den ended I	
4 slides with conditions	Scale When evido-generating lides the first matching template is applied, recorder templates with dag and drop. If multiple questions are on the sums slide, Question Code, Tect/Tag conditions upply if any, not all, questions fulfill them. If the questions on an auto-generated slide don't match any conditions, the default template's applied.	C Back Dr
	Match All V conditions:	1
	Question tag V Equal to V npo	0
	Math AL V condition:	ť
	Image:	0
	Transit Au	1

3.2.2 Available conditions

The following types of conditions can be applied to a slide template:

• Number of questions



- Number of answers
- Question tag
- Question code
- Question text

For each of these types, you specify an operator to be used. For instance, when using the "Question code" as a condition, you can choose from the following operators:

- Equal to
- Not equal to
- Contains
- Does not contain
- Starts with
- Ends with
- In the list

For example, the slide template demonstrated below is applied to all questions containing "bg" in the question code. This means it will be applied to questions with codes such as bgGender, bgAgegroups, bgIncome etc.

1444		<u>111</u>
Image: space of the space o	ŧ	Θ

A slide template can include one or multiple conditions. When multiple conditions are applied, you can specify whether "All" or "Any" of them should be met. Below is an example of a brand funnel slide that will be applied if the question has four answers, and the question tag is equal to "funnel". Since "Match All conditions" is selected, the slide template will only be applied to questions that fulfill both conditions.



		Match All v conditions:				圃
•		Number of selected answers $$	Equal to 🗸 🗸	4	And	Θ
	Name and American American	Question tag 🗸 🗸	Equal to 🗸	funnel	Ð	Ξ

Note: For conditions based on Question Code/Text/Tags, if multiple questions are added to the same slide during the auto-generation process, conditions apply if any, not all, questions fulfill them. For instance, if the condition is "Question text contains "ABC" the condition will be fulfilled if any question added to the slide contains the question text "ABC".

3.2.1 Create Slide template with conditions

The process for creating slide templates, in a Template set, remains the same as before if no additional conditions, aside from variable type, are to be applied. To create a slide template with conditions, follow these steps:

- 1. Create the slide to be saved into the template set and choose to save it into a Template set.
- 2. After selecting the Template set, choose to save the slide "with conditions" instead of "Default" (refer to the image below).

escription				
Single choice	Wulti cho	ADD CURRENT SLIDE TO TEMPLATE SET	× umeric 🚦	Open ended
		Tenend International International Internat	± 1	
slides with conditions	2 slides with co Add curren	Choose template slide type Default With Conditions	d current slide	Add current slide

3. In the appearing view define the condition by selecting the type (Question code, Question tag, etc.) and the operator (Equal to, starts with, etc.).



. ₩		Mi Qi	itch All v condition	ns: V	Contains	~	Œ
			Number of selected an Question tag Question text Question code	swers	_		
	Everypeans Argener	Ma Qu	tch All 🗸 condition	IS: V	Contains	~	•
					Equal to Not equal to		
					Contains Does not contain Starts with Ends with		

- 4. If multiple slide templates with conditions are present, the sort order can be changed with drag and drop. The sort order is crucial. If a question meets the conditions in multiple slides, the template from the first matching slide will be applied to the question. If a question does not match any of the predefined conditions, the default slide template will be applied.
- 5. "Click 'Done' to finalize the condition setup. If you don't want to save the slide to any other Template set, simply click 'Save' to complete the action.

To modify the conditions of previously saved slide templates, enter the Template Set and click any of options highlighted in image below to view all slides with their respective conditions. From this point, you can proceed to edit or delete any of the slides as needed.



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4 Storyteller - general updates

4.1 Support for display of "Benchmark only" with significance test

Charts and tables now support simultaneous use of "benchmark only" and significance testing. This update eliminates the need for multiple objects in scenarios like the one shown below, as both the benchmark and significance test results are presented in a single data object.

Example of an object displaying "benchmark only" with an applied significance test.



The image below highlights the settings that now collaborate; the significance test is applied to the original values, even if the object only displays the benchmark value.

NCHMARK 😑	Enable significant	e tests	
Enable benchmark	What is significance testing	7	
Show only benchmarks	Туре	Two independent	ent sample Z test 🗸 🗸
Sort on benchmarks	Base limit	0	Weighted 🗸
ist between olumns v	Respondent count limit	0	
enchmark object	Base size (?)	Weighted	~
iterval (Month(s))	Test between	Columns	~
inits v	Test within	All items	~
omparison type	Comparison type	Previous datap	ioint v
	Comparison behavior	Leave compari	son points v
	Significance level	10%	~
	Visualization type	lcons	~
	Positive icon	•	
	Negative icon	•	
	Icon size	Width	Height
		-	
	Icon position	Center	~



4.2 Base suppression support in Scatter/Bubble charts

Scatter and Bubble charts now support base size suppression and base size warning. Limits can be defined globally for all series (X, Y, and Z for Bubble; X and Z for Scatter) or individually per series to accommodate various use cases.

Here is an example of base size warnings in a scatter chart, where series with low base sizes are highlighted with an asterisk (*).



4.2.1 Setup warning and suppression limits

The setup of warning and suppression limits functions similarly to other chart types, such as bar or column charts. Since a scatter chart contains two series (x and y) and a bubble chart contains three series (x, y, and z), the base size warning and suppression rules can be defined in the main series and automatically applied to the other series, or set individually for each series. In a scatter and bubble chart, the main series represents the X-axis.



In the example below, the base size warning is set to 30 respondents for the main series (X-axis).

Variables Filters		
interes interes	Settings Custom C	hart Settings Analy
CHART		\oplus
SERIES		Θ
Apply pos./neg	, shares	
Hide series wit	h low base th low base	
Hide series wit	h low base th low base Custom limit	v
Hide series wit	h low base th low base Custom limit 30	×
Hide series wit	h low base Custom limit 30 Weighted	V

Below example shows the controls for the sub-series (Y-axis). On the left, the option to inherit settings from the main series is used, requiring no additional setup if the same rules should apply to both X and Y. On the right, an example is shown where a separate limit is set on the Y-axis.



Main series	Sub series 2	Carl SAdd ne	w Edit Delete	
Cha	rt			
Variab	les Filters	Settings	Custom Chart Settings	Analy
CHAR	t.		Œ)
SERIE	ES		e	
	Apply pos./neg	, shares		
•	Apply Hide seri	es with low ba	se settings from main series	
	Apply Warn for series	series with lov	v base settings from main	
TIME	SELECTIONS		Œ	$\overline{)}$
AXIS	AND TEXT		Œ	
CALC	ULATION		Œ)
OTHE	R		Œ	$\overline{)}$

Main series Sub series 2	OII SAdd n	ew Edit	Delete	
Chart				
Variables Filters	Settings	Custom Chart S	ettings	Analys
CHART			Œ	
SERIES			e)
Apply pos./ne	g. shares			
Apply Hide se Apply Warn fo series Warn series w	ries with low ba r series with low ith low base	se settings from ma v base settings from	in series main	1
Apply Hide see Apply Warn fo series Warn series w Limit	ries with low ba r series with low ith low base Custom li	v base settings from ma	in series main	
Apply Hide se Apply Warn fo series Warn series w Limit Base	ries with low ba r series with low ith low base Custom li 10 Weighted	se settings from ma v base settings from mit	in series main	



5 CrossTable tool update

5.1 Bulk sheet edit feature

A new bulk sheet edit feature streamlines the change management process in Workbooks with multiple sheets. The initial release focuses on adjusting general settings.

Below, we showcase the new bulk edits option (appearing when multiple sheets are selected) on the left, and the bulk edit panel itself on the right.



With the new bulk edit feature, you can modify the following settings across multiple sheets:

- Time period, with the ability to change the date variable if multiple are available
- Split Totals and Subtotals
- Weighting (on/off), with the ability to change the weight variable if multiple are available
- Number of decimals per calculation type
- Unit prefix/suffix, such as "%" per calculation type



To apply bulk edits, follow these steps:

- 1. Select the sheets to be updated, use CTRL or Shift (or the appropriate keys for your operating system) for selecting multiple sheets
- 2. In appearing bulk action menu, select "Bulk edit".
- 3. In the appearing menu, tick the checkbox of the setting to be updated—only ticked settings will be updated.
- 4. Set the new value for each setting to be updated.
- 5. Click "Update Settings"
- 6. The selected settings will now be updated in all selected sheets. As always, save the Workbook to retain the changes.

In this example the user chooses to update the time period, setting the new value to "Year-to-date", and applying Weight across all selected sheets.

OWS, COLUMNS AND FILTER	RSETTINGS			
Time period filter				
☑ Time period	Year-to-Date	•		
Split settings				
Add totals				
Add Subtotals				
ALCULATION SETTINGS				
Weights				
Use weight				
Weight variable	Weight	v		
Number of decimals and u	nit prefix/suffix			
Categorical calculations	Number of	decimals	Unit	
Percentage chare		×		Cutfix M



6 Customizable Project Theme

A new "Customizable" project theme enables easy adjustments the overall portal design to match end-customers design preferences. Through an interface, you can change report navigation colors, adjust report navigation positions, add customer logos and more. This customization operates at the project level and complements the existing Theme logic, which is still available for more advanced theming preferences applied to multiple projects.

The image below illustrates a theme layout with report navigation on the left and filters positioned to the right.



Note: This feature is currently in limited availability. To enable access for your customer and explore it before its general release, please contact your account manager.

6.1 How to apply and Customize the theme

To make use of the new customizable theme, begin by applying the theme named "Customizable Standard Layout" to your project. You can do this during Project Creation,

in Project settings, and now also in the new "Look and Feel" page located in the Report section. Refer to the image below for guidance.

Below, you can observe the option to apply the Customizable Standard Layout to your project during project creation.

GENERAL INFORMATION Project name	
Project code 👻	
META DATA PROCESSING TEMPLATE Template	
No selection	1.4
LAYOUT	
Theme	
helect	
Customizable standard layout	
Custom themes	

Once this theme is applied to your project, you will discover all customization options in the new "Look and Feel" page, as illustrated in the image below.

Data Sources	Reports Look & feel		
🛱 Variables			
Hierarchy	SAVE		
I. Reports	Default Font in reporting objects		
+ Report Users	Apply default font to objects imported from the Report template library		
@ Events	Theme		
Legacy Features	Customizable standard layout		
roject Settings	Logo UR Logo Width Logo Width Logo Width Logo Width Logo Width Logo Width	Loois Report Reightion Badgeoud Color KF0F2F5 Label Color K686F76	Top Top Left Right Filter position ®
	Body Background®	Sub-Report Navigation Sub-Report Navigation Sub-State State Sub-State Sub-State Sub	Top Left Right



The following layout items are customizable:

Logo

You can add your own logo by adding an external URL for the logo. The maximum display size of the logo is 200 pixels wide. If the uploaded/referenced logo exceeds this width, it will be automatically resized.

Theme			
Customizable standard layout			
Logo⊙	Colors	Report Navigation position	
Logo Vida https://live.ddp.acy.com/App_Them Logo Weight 200px Logo Height Auto	Report Navigation	Top Left Right Filter position © Top Top	
Body Background ®	Sub-Report Navigation		
Body Background	Forsta Visualizations Overview Tren	ds - weekly Trends - monthly Cross Table tool Documents	0
- Body Background Color	Sweden Germany US		
	Total Prepaid or Potepaid Total INo selection	Age group Gender C No selection C No selection awareness - Top of mind	0 Update
	Weekly trend	dish Telecom – Telecom for You – Tel Me More	Last week

When adjusting the logo size, such as the height, ensure "Auto" is selected for width to maintain proportional scaling.

Body background

Specify a color for the body background and/or add an external URL for the body background image. Below, you can see an example of an uploaded image as the body background.

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Theme			1		
Logo®	Colors	Report Navigation position			
None	Report Navigation	Тор			
Logo Width 150px	Overview Trends - weekly Trends - r	monthly Cross Table tool Documents		٥	
Logo Height Auto	Prepaid or Postpaid Age pro- No selection 0 No sele	ection 0 Oender	C No selection	0 Update	
3ody Background®					
8ody Background a%20Customizable/Background	•				
ecoy Background Color	Spontaneous br	rand awareness - Top o	of mind		
				Lastweets	
	Weekiy trend			Last week	
~	- Four	r - Swedish Telecom - Telecom for You - Tel Me	More		
	14 12 12 12 12 12 12 12 12 12 12 12 12 12 1		/	11%	
	10		1	9%	
			1		
	2 0				
	20004	2020-07 A220-08 2020-07	2020-06 2020-06	Four Swedish Telecom Telecom for You Tel Me More	
			Foreira Viscali radiona		

Colors: Report navigation

Within the Report Navigation section, you can select a background color and choose the color of the report name labels. Refer to the example below.

Logo®	Colors	Report Navigation position	
Logo URL None Logo Width	Report Navigation Background Color InFUP2F5 Label Color Carro	Overview Trends - weekly Trends - monthly Cross Table tool Documents	Prepaid or Postpaid Age group No selection C No selection C
Body Background © None Eddy Background Color #FFFFFF	Sub-Report Navigation Sub-Report Navigation Sub-Regression		Spontaneous brand awareness Weekly trend - Four - Swedish Telecom - Teleco
		_	10



Colors: Sub-Report navigation colors

In the Sub-Report Navigation section, you can customize the appearance of sub-report navigation in Storyteller, when displayed as tabs. Pick a background color and specify the color of the report name labels. See the example below.

Logo⊙	Colors	Report Navigation position
Logo URL 150px Logo Height	Report Navigation Background Color #F0F2F5 Label Color #686F76	 Top Left Right Filter position ♥
Body Background®	Sub-Report Navigation	Top Left Right
Body Background Color	Update Button	Overview Sweden Hierarch Germany
	#297EBB	US Trends - weekly
		Trends - monthly Cross Table tool Documents

Colors: Update button

Within the Update Button Colors section, you can style the Update button in StoryTeller reports. This button is used to apply selected optional and hierarchy filters. Choose both the color and hover color as needed.

Logo®	Colors Report Navigation Background Color #F0F2F5	Report Navigation position Top Left	
Logo Height	Label Color	Overview Trends - weekly Trends - monthly Cross Table tool Documents	
Body Background®	Sub-Report Navigation Background Color mF0FA78 Label Color #6866776	Pressid Age group Gender Household income No selection 0 No selection 0 No selection 0	Update
	Color	Spontaneous brand awareness - Top of mind	veek
	● #0 <mark>60#</mark> 70	- Four - Swedish Telecom - Telecom for You - Tel Me More	
			11% 9%



Report navigation position

The report navigation is shown at the top of the page by default but can also be positioned left or right.

Examples showcase the flexibility of placing report navigation at various positions.

Denker Trends - weeky Trends - monthly Cross Table tool Document asid or Proseed Age grade Selection Selection Selection Selection No selection	Processional Income C No selection C
Spontaneous brand awareness - Weekly trend	Passi of mind Last week Last week Passi of Potati
Trends - weekly Trends - monthly Cross Table tool Documents	No selection No selection N
	Veekiy trend Last week

Filter position

The Hierarchy and Optional filters in StoryTeller and Document Archive reports are displayed at the top of the page by default, but they can also be repositioned to the left or right.

Examples showcase the flexibility of placing Hierarchy and Optional filters in StoryTeller and Document Archive reports at various positions.



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Overview Trends - weekly Trends - monthly Cross Table tool	Documents	©	
Prepaid or Postpaid Age group No selection 0	Oander Household Income No selection 0 No selection 0		
Spontaneous brand awarene	ss - Top of mind		
Weekly trend	Oveniew Trends - weekly Trends - monthly Cross Table tool Documents	0	Prepaid or Postpaid
- Four - Swedish Telecom - Te			No selection 0 Age group No selection 0 Oender
8	Spontaneous brand awareness - Top of min	id	No selection 0 Household Income No selection 0
	Weekly trend	Last week	
	- Four - Swedish Telecom - Telecom for You - Tel Me More		



7. Data connectivity updates

7.1 Data activation log

Monitor the data activation process with the newly introduced Activation log view. This feature provides enhanced visibility into activation times and the status of individual steps, including data import, computing of new variables, data cleaning, and hierarchy updates etc. The log also clearly lists the newly added data batches and those that were removed.

7.1.1 View the log

The updated log is visible in the Activation Log menu, replacing the former Activation History view.

Access the log view from here.

8	Data Sources	Data Batches SPSS Export Excel Export	Reference Data Text Analytics		I
ß	Variables				
æ	Hierarchy	Forsta	•	9	
	Reports	Import data from Forsta 💌	Import data file	Import data from other source	
+#3	Report Users	import data nonn orba	SPSS, Triple-S, Excel, CSV		
(\$j-	Events				
	Legacy Features	Imported data batches		Apply to All (I (4) ▼ III APPLY ACTIVATIONS NOTIFICATIONS ACTIVATION LOG EDIT
~	Project Sattings	□ Active ▼ ↓ ID ▼ File nam	e T	Batch type	Date T Respondents (responses) T Tags
~	r roject settings	Inactive 4 fil4.sav		New Data	2023-12-07 4:04 PM 624
		Inactive 3 fil 3.sav		New Data	2023-12-07 4:03 PM 624
		Active 2 fil 2.sav		New Data	2023-12-07 4:03 PM 624
		Active 1 fil 1.sav		New Data	2023-12-07 4:02 PM 624

As demonstrated below, the new log defaults to displaying the start time, end time, and total duration of the activation, along with information on batches added and removed. By expanding an activation job, you can view detailed information for each step of the activation process. This includes insights into the status and time spent on tasks such as adding data to computed variables, cleaning data, etc., proving useful for analysis in cases where activation runs for an extended duration.



		_		_		_		- 1				_		_	
	↓ Activation ID	T	Status	T	Start time	T	End time	T	Duration	T	Added batch/es	T	Removed batch/es	T	
m	6		Running		2023-12-7 5:17 PM						4				
0	Batch IDs:	4,3,	2,1											C	đi.
	Log	Step			Status	Start	time	Endtir	ne	Dur	ation				
		Prep	aring data		Succeeded	2023-	12-7 5:17:09 PM	2023-1	2-7 5:17:09 PM	00:0	00:00				
		Activ	ating data		Succeeded	2023-	12-7 5:17:09 PM	2023-1	2-7 5:17:11 PM	00:0	00:01				
		Conf	irming data		Succeeded	2023-	12-7 5:17:11 PM	2023-1	2-7 5:17:15 PM	00:0	00:04				
		Clea	ning data		Succeeded	2023-	12-7 5:17:15 PM	2023-1	2-7 5:17:15 PM	00:0	00:00				
		Reco	ding data		Succeeded	2023-	12-7 5:17:15 PM	2023-1	2-7 5:17:16 PM	00:0	00:00				
		Calc	ulating new data		Running	2023-	12-7 5:17:16 PM								
		Calc	ulating weight		No info										
		Upda	ating Hierarchical Filter	s	No info										
		Upda	ating InMemory		No info										
-	5		Succeeded		2023-12-7 5:13 PM		2023-12-7 5:14 PM		00:00:23				4		
•	4		Succeeded		2023-12-7 5:11 PM		2023-12-7 5:12 PM		00:00:26		4				
ŝ.	3		Succeeded		2023-12-7 5:08 PM		2023-12-7 5:08 PM		00:00:19		3				
											12				

Example of an expanded log view during an activation.

Tip: In long-running, incomplete activations, check the log to identify the current activation steps in progress. By comparing timings to previous activation instances, you can gain insights into remaining times. Keep in mind that activation time is influenced by factors such as data volumes, the number of computed variables, and server load in shared environments.

Note: All historical activations display the old status logic without detailed information, as shown below. The new detailed log is applied to new activation tasks only.

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	↓ Activation ID	Ŧ	Status	T	Start time	T	End time	Ŧ	Duration	Ŧ	Added batch/e
۲	5		Succeeded		2023-12-7 4:16	РМ	2023-12-7 4:17 PM		00:00:12		1
•	4		Succeeded		2023-12-7 3:22	РМ	2023-12-7 3:23 PM		00:00:09		
Þ	3		Succeeded		2023-12-7 2:15	РМ	2023-12-7 2:15 PM		00:00:13		1
Þ	2		Succeeded		2023-12-7 2:15	РМ	2023-12-7 2:15 PM		00:00:14		
•	1		Completed		2023-12-6 10:4	1 AM				1	
	Batch IDs:	1								1	
	Log	Step			Status	Start time	End time		Duration		
		Prep	aring data		No info						
		Activ	ating data		No info						
		Cont	irming data		No info						
		Clea	ning data		No info						
		Reco	ding data		No info						
		Calc	ulating new data		No info						
		Calc	ulating weight		No info						
		Upda	ating Hierarchical Filters		No info						
		Upd	ating InMemory		No info						
_										1	



7.2. Importing multiple Text analytics flows from Forsta HX platform

The import process for surveys from the Forsta HX platform now supports Text Analytics data from multiple "Text Analytics flows" instead of just one. This enhancement allows for the analysis of open-ended questions using different models.

The process for importing text analytics remains unchanged, with the added capability to select multiple flows in the flow selection control.



As multiple flows can now be imported, the Text Analytics Flow ID will be included in question codes to distinguish text analytics variables from different flows. See the example below of a project with text analytics variables imported from multiple flows (2059 and 1840).



Select A	0 selected				
ORD +	LOOP		CODE	TEXT	TYPE
	۹)		٩)	٩	۵
⊞ 32			OverallScore_Text_1840_CEOpenAnswer	OverallScore_Text_1840_CEOpenAnswer	Copen ended
⊞ 33		>	OverallScore_Score_1840_CEOpenAnswer	OverallScore_Score_1840_CEOpenAnswer	Scale
# 34			OverallScore_Text_2059_CEOpenAnswer	OverallScore_Text_2059_CEOpenAnswer	A Open ended
⊞ 35		>	OverallScore_Score_2059_CEOpenAnswer	OverallScore_Score_2059_CEOpenAnswer	In Scale
⊞ 37	0		CategoryScore_1840_variable	CategoryScore_1840_variable	8 Single
⊞ 38	φ	>	CategoryScore_1840_category	CategoryScore_1840_category	% Single
⊞ 39		>	CategoryScore_1840_score	CategoryScore_1840_score	Scale
⊞ 40	φ.		CategoryScore_2059_variable	CategoryScore_2059_variable	% Single
≣ 41	0	>	CategoryScore_2059_category	CategoryScore_2059_category	% Single
<u>₩</u> 42		>	CategoryScore_2059_score	CategoryScore_2059_score	Scale

Note: In existing projects where Text Analytics data is <u>continuously</u> imported, this is a breaking change as flow id are now added into question code. Forsta Visualizations will see these questions as new questions and they will not be merged with the earlier imported data. Consequently, objects displaying the old question will show 'No Data,' requiring updates to reflect the new questions. Utilize our Usage Report on the Question page to identify where these questions are used within the project and facilitate necessary updates.



7.3 Ask and Act data integration available in new Import scheduler interface

Ask and Act data integration is now available in new Data Import Scheduler page, it was previously only accessible in old import scheduler page.

7.4 Next Import/Export Schedule display

The Export and Import scheduler now display the "next" export/import time, providing improved visibility into upcoming scheduled exports.

Below is an example of an Import scheduled job on the left and an export job on the right. The displayed next time is shown after the scheduled job is saved.

Recent data sources		EDIT EXPORT SCHEDULE
P274273286632 Last import		Name All data Adive Current server time: 2023-12-07 15-51 Mon Tue West Thu Fri Sat Sun 10:00 v Next scheduled excent: 2023-12-13 10:00:00
Schedule Active (Weekly) Next Import 2023/12/07 5:00 PM		Data structure Format Excel V Column Jabels Variables kat V Export categorized variables with Values V Variables 56 variables selected (All variables Select variables
Active Y ↓ ID Y File name Image: Comparison of the state of the	Batch type New Data	



7.5 SPSS export enhancements

The SPSS Export feature has been improved. In multi-language projects, you can now choose the language for exports. Additionally, new options allow you to exclude computed and merged variables from exports, ensuring that the exported data retains the same format as it was originally uploaded to the project.

The new controls on the SPSS export page. The language control is only visible if multiple languages are present.

Data Batches SPSS Export Excel Ex	port Reference Data Text Analytics
Start export	
Export type	O Syntax
Include	Looped data Open ended variables Computed and Merged variables Input variables
Language	Swedish
Decimal separator for open numeric questions	Dot (.) O Comma (.)
Multiple choice question separator	
Email address	
Subject	[domain] data export
Text	Your data export from project [project] is now ready for download. Please use following link to download your file:
	[link]

Note: Excluding computed and merged variables from the export also results in the exclusion of weight variables, as they are treated with the same logic as computed variables.