

Nyheter i Visual Analytics – tips og triks

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Bedre ytelse første gang applikasjonen lastes

Now

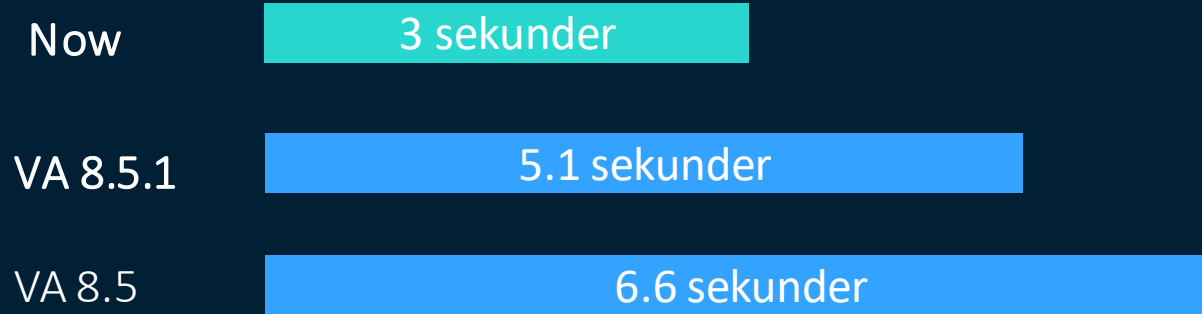
2.8 sekunder

Viya 3.5

3.6 sekunder

- I Viya lastes web applikasjonen raskere enn den har gjort tidligere, og brukerne får tilgang til applikasjonen for første gang med høy nettverkshastighet.
- Det er litt raskere andre gang du laster applikasjonen.

Raskere rapportytelse



- Nå tar det bare 3 sekunder å åpne en rapport.

SAS Visual Analytics on Viya 4

New release cycle and cadence

Stable Releases:

- Månedlig utgivelse for Viya -applikasjoner, dvs. SAS Visual Analytics
- Nye funksjoner og forbedringer
- Versjonsnummer struktur, dvs. **2021.2.1**

Long-Term Support Releases:

- Hver sjettemåned
- Tilsvarende den stabile versjonen som ble utgitt to måneder før
- Versjonsnummer struktur, dvs. **2021.2**

https://go.documentation.sas.com/doc/en/vacdc/v_008/vawn/n1uq0ytg5sgemjn1vt6sld9ev37m.htm?fromDefault=

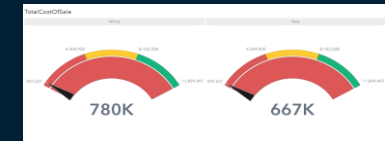
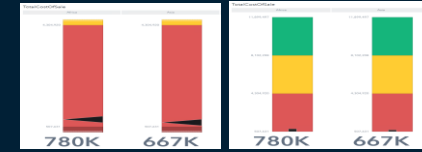
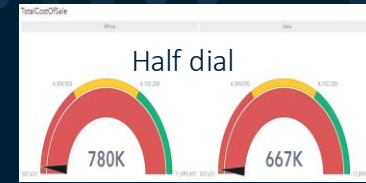
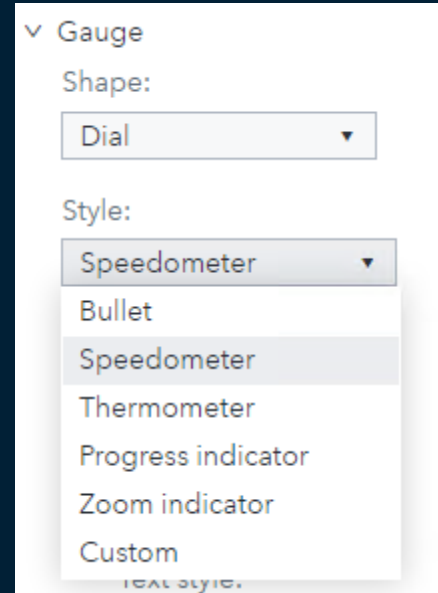
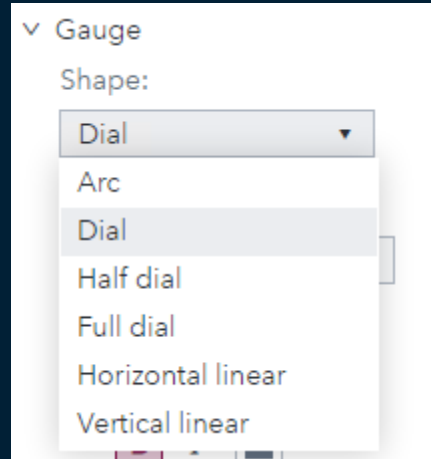
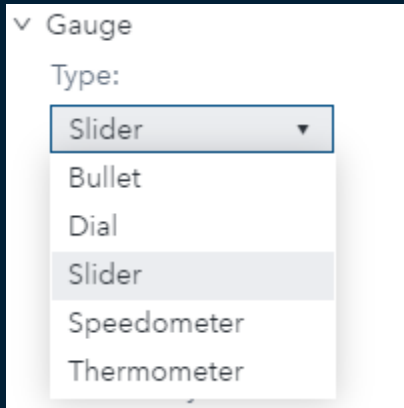
Stable Releases

- 2021.1.5 (September 2021)
- 2021.1.4 (August 2021)
- 2021.1.3 (July 2021)
- 2021.1.2 (June 2021)
- 2021.1.1 (May 2021)
- 2020.1.5 (April 2021)
- 2020.1.4 (March 2021)
- 2020.1.3 (February 2021)
- 2020.1.2 (January 2021)
- 2020.1.1 (December 2020)

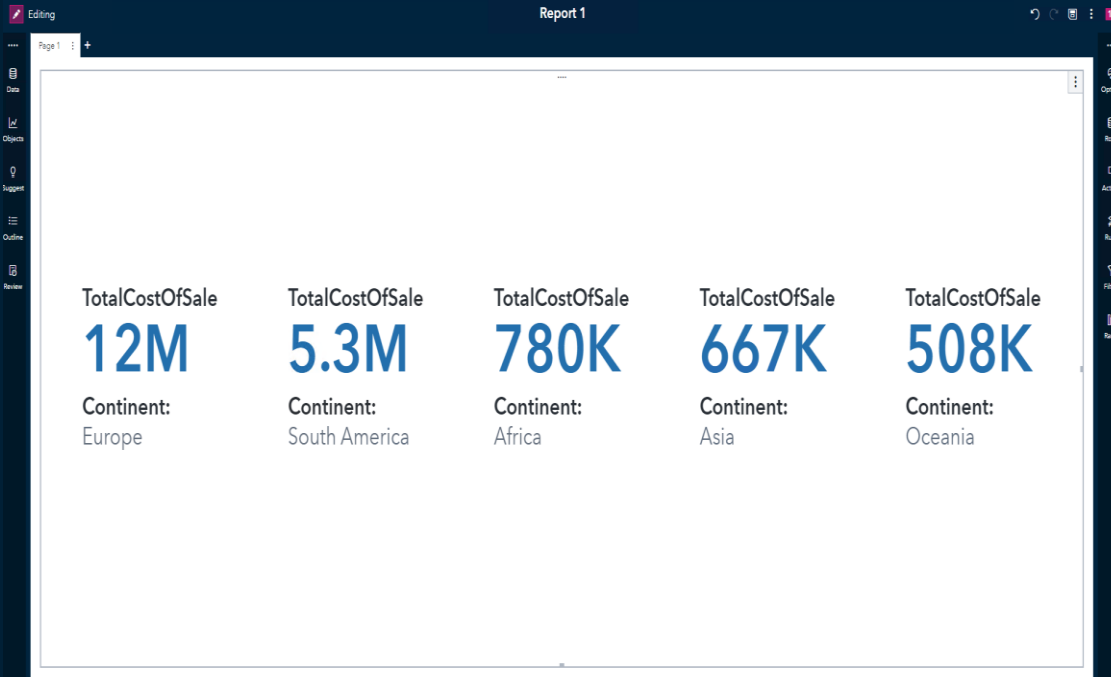
1. Gauge: Mange nye valgmuligheder - 2021.1.1 (May 2021)

Tidligere:

Nå:



2. Key Values fordelt etter kategoriske variable - 2021.1.1 (May 2021)



MEASURE

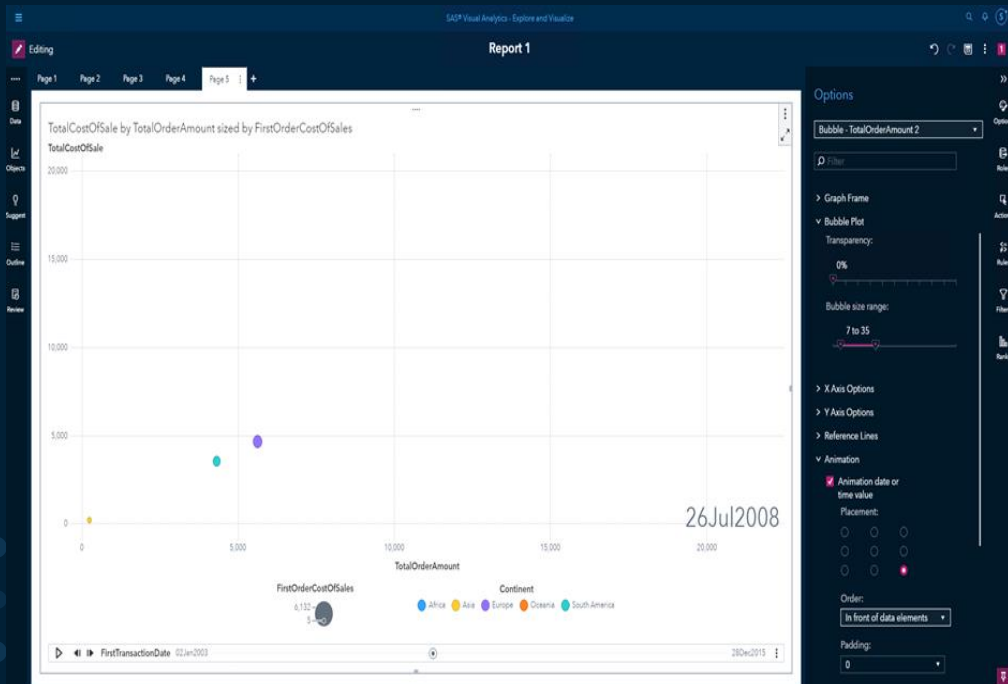
TotalCostOfSale

LATTICE CATEGORY

Continent

Close

3. Bobbel Plot: En del muligheter for Animation under Options - 2021.1.1 (May 2021)



Animation

- Animation date or time value

Placement:

Order:

In front of data elements

Padding:

0

Text Style:

28 B I

Transparency:

0%

Contrast option:

None

4. Dato verdier kan nå bli brukt for å kalkulere differanser - 2021.1.2 (June 2021)

New Calculated Item

Name: Result Type: Format:

Data Items Operators

Search

- ▼ Numeric (simple)
 - x
 - x - y
 - x * y
 - x / y
 - x + y
- > Comparison
- > Boolean
- > Numeric (advanced)
- > Date and Time
- > Text (simple)
- > Text (advanced)
- > Aggregated (simple)
- > Aggregated (periodic)
- > Aggregated (advanced)
- > Aggregated (tabular)

(LastTransactionDate - FirstTransactionDate)

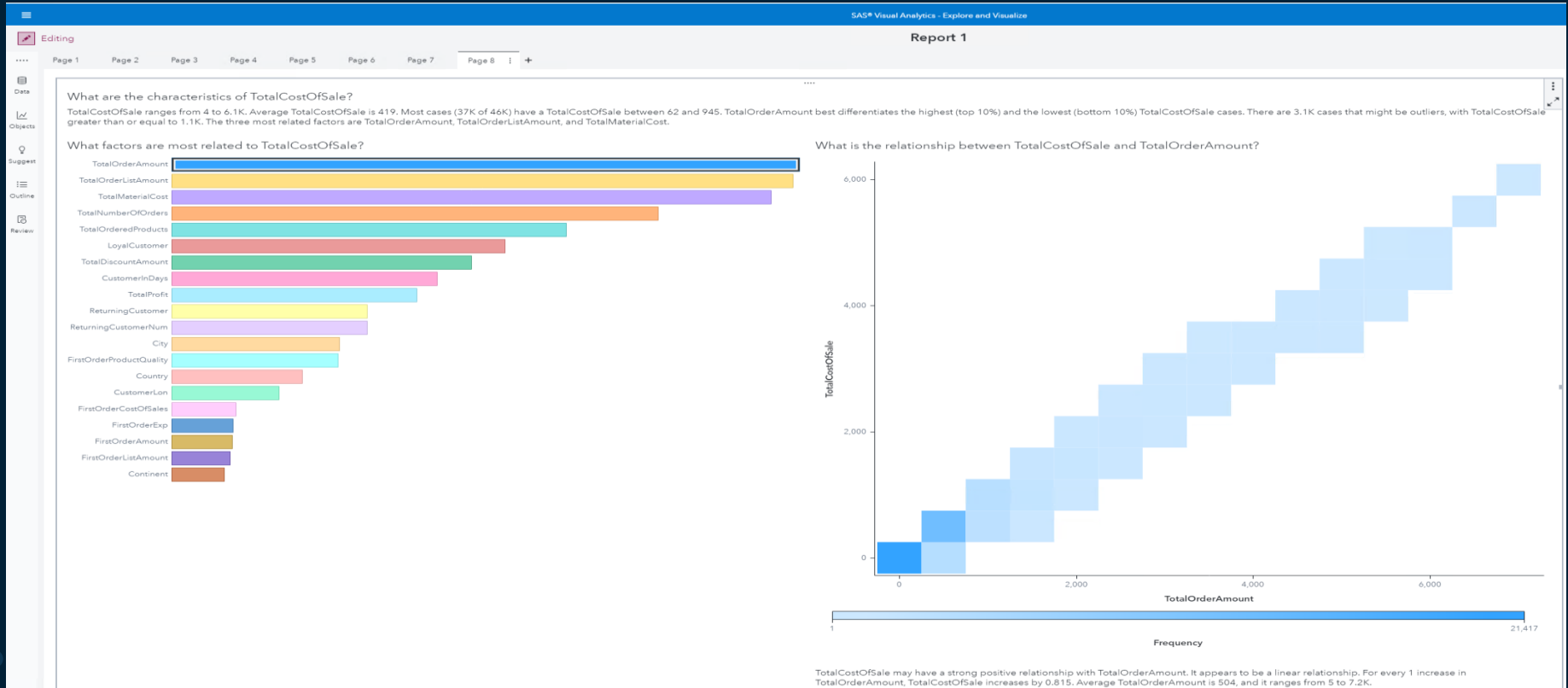
Preview Result

Number of rows to show:

Calculated Item 1	LastTransactionDate	FirstTransactionDate
207.00	13Oct2006	20Mar2006
0.00	10Sep2006	10Sep2006
0.00	17Apr2006	17Apr2006
227.00	23Oct2006	10Mar2006
0.00	24Sep2006	24Sep2006
0.00	17Nov2006	17Nov2006
0.00	09Apr2006	09Apr2006
0.00	31Aug2006	31Aug2006
0.00	22Oct2006	22Oct2006
0.00	24Mar2006	24Mar2006
n.n	n/a	n/a

Expression:
LastTransactionDate - FirstTransactionDate

5. Automated explain: Forklar data i ethvert objekt - 2020.1.5 (April 2021)



6. Automated Explain: Nå med forklaringstekst på norsk - 2020.1.4 (March 2021)

Hva er karakteristikkene til City?
City has 0.81% chance (368 of 464) of being Auciland. It's the 38 most common City value.

Hvilke faktorer er mest knyttet til City?

Factor	Value
CustomerLat	12000
CustomerLon	10000
FirstOrderCustomerSatisfaction	1000
CustomerDays	500
FirstOrderExp	200
TotalOrdersProducts	100
TotalNumberOfOrders	100
TotalOrderAmount	100
TotalCostOfSale	100
TotalOrderListAmount	100
TotalMaterialCost	100
FirstProductOrdered	100
FirstProductLineOrdered	100
CustomerDistance	100
TotalDiscountAmount	100
LoyalCustomer	100
FirstOrderProductQuality	100

Hva er forholdet mellom City og CustomerLat?

The average CustomerLat when City is Auciland is 26, with a minimum of -37 and a maximum of 60. The average CustomerLat when City is NOT Auciland is 2, with a minimum of -38 and a maximum of 60. Average CustomerLat is 26, and it ranges from -38 to 60.

Reason	Screeningresultat	Relativ betydning
1. Velg respons for Automatisert forklaring.	En rapportforfatter valgte City som respons.	
2. Sjekk faktorene.	Automatisert forklaring endret eller fjernet 4 av 37 faktorer. Se kategorien Screeningresultat for detaljer.	
3. Fastslå mest relaterte faktorer.	Automatisert forklaring brukte et etnivå-beslutningstre for hver faktor for å fastslå dens relative betydning for City. For eksempel har innstagingen CustomerLon en relativ betydning av 0,99, noe som betyr den er 0,99 ganger viktigere enn CustomerLat.	

chrome://settings/languages

Languages

Language: Norwegian Bokmål

Order languages based on your preference:

- Norwegian Bokmål (This language is used to display the Google Chrome UI)
- English (United States) (This language is used when translating pages)
- English
- Norwegian Nynorsk

Display Google Chrome in this language

Offer to translate pages in this language

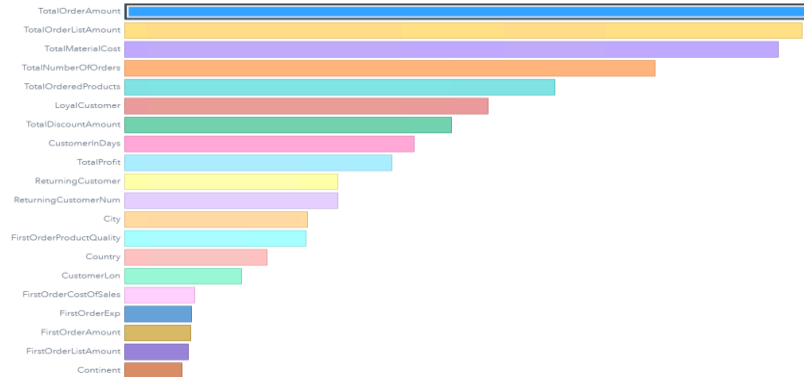
Move down

7. Outlier detection in Automated Explanation - 2020.1.4 (March 2021)

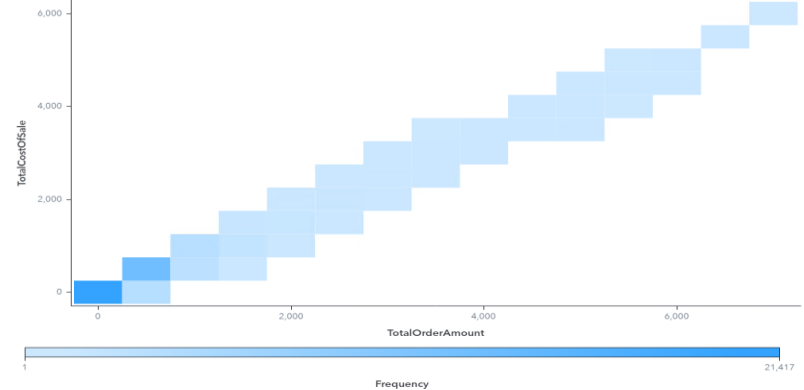
What are the characteristics of TotalCostOfSale?

TotalCostOfSale ranges from 4 to 6.1K. Average TotalCostOfSale is 419. Most cases (37K of 46K) have a TotalCostOfSale between 62 and 945. TotalOrderAmount best differentiates the highest (top 10%) and the lowest (bottom 10%) TotalCostOfSale cases. There are 3.1K cases that might be outliers, with TotalCostOfSale greater than or equal to 1.1K. The three most related factors are TotalOrderAmount, TotalOrderListAmount, and TotalMaterialCost.

What factors are most related to TotalCostOfSale?



What is the relationship between TotalCostOfSale and TotalOrderAmount?

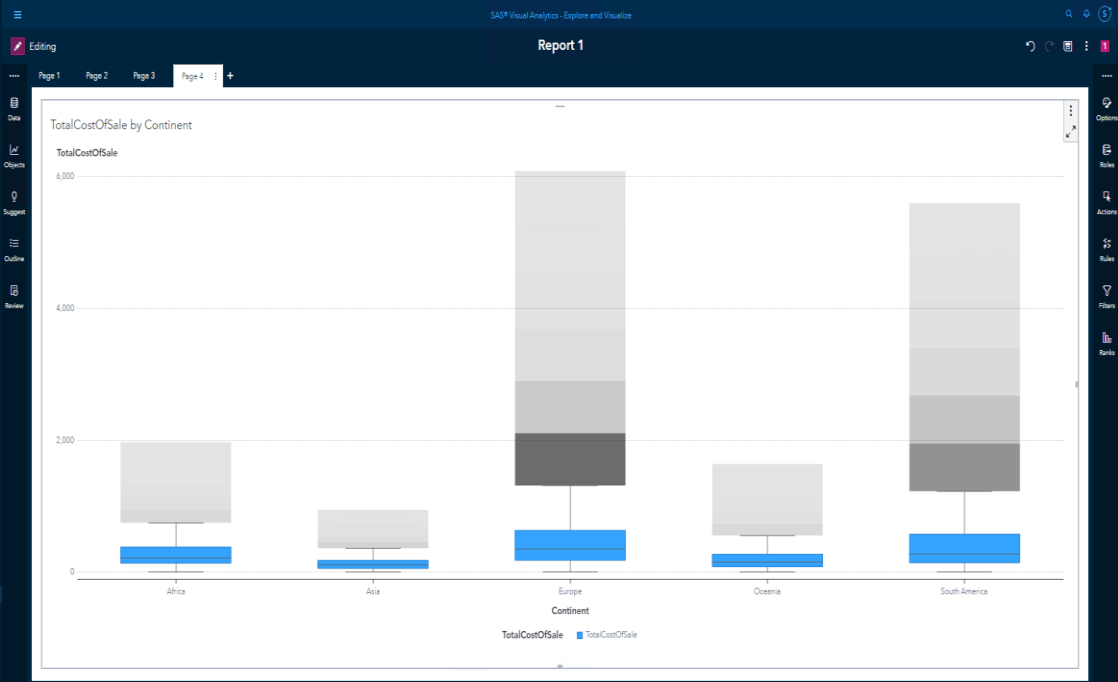


TotalCostOfSale may have a strong positive relationship with TotalOrderAmount. It appears to be a linear relationship. For every 1 increase in TotalOrderAmount, TotalCostOfSale increases by 0.815. Average TotalOrderAmount is 504, and it ranges from 5 to 7.2K.

Explanation Description Screening Results Relative Importance **Anomalies**

TotalCostOfSale	Range Location
1,637	High
1,173	High
1,393	High
1,601	High
1,381	High
1,641	High
1,657	High
1,365	High

8. Outlier detection



Options

Box - Continent 1

Filter

Outlier Gradient:

Data skin: Default

> Layout

> Graph Frame

> Box Plot

Box direction:

Measure layout: Automatic

Outliers:

- Hide Outliers
- Ignore Outliers
- Show Outliers
- Hide Outliers

> X Axis Options

> Y Axis Options

> Reference Lines

> Legend

Options

Roles

Actions

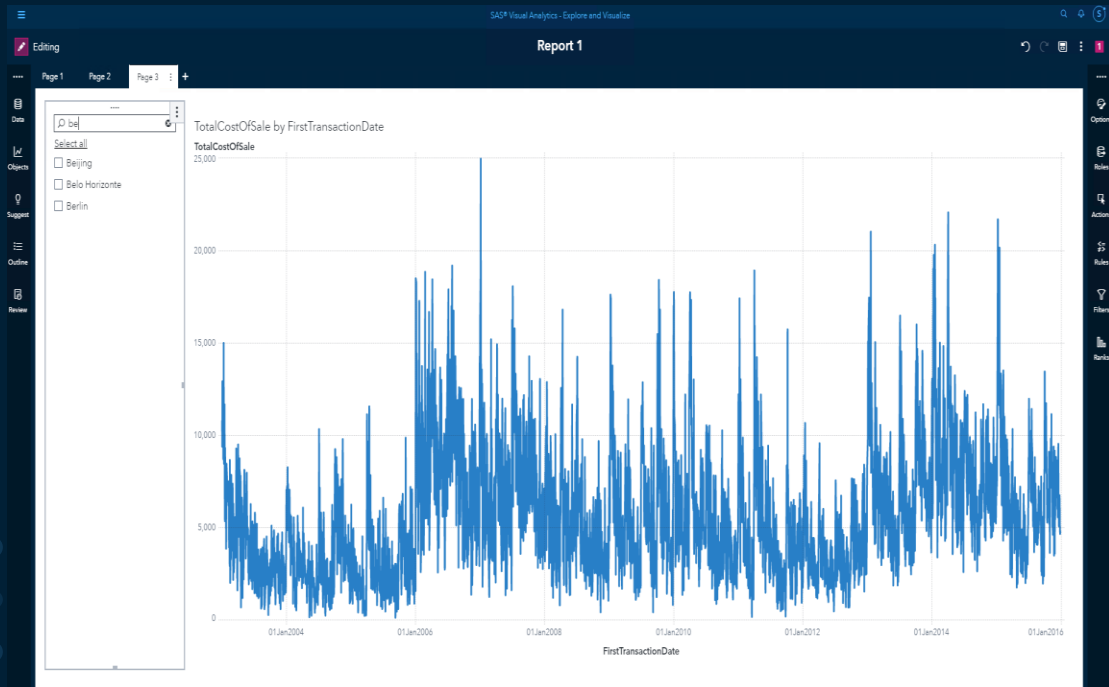
Rules

Filters

Ranks

Options

9. Søke i List Controls - 2020.1.1 (December 2020)



Options

List - City 1

Filter

- > Object
- > Style
- > Layout
- ▼ List
 - Required
 - Allow multiple selections
 - Allow searching
 - Allow selecting or clearing all values
 - Initially select first item
 - Background color:

Options

Roles

Actions

Rules

Filters

Ranks

10. Eksportere krysstabeller - 2020.1.1 (Desember 2020)

SAS Visual Analytics - Exported View

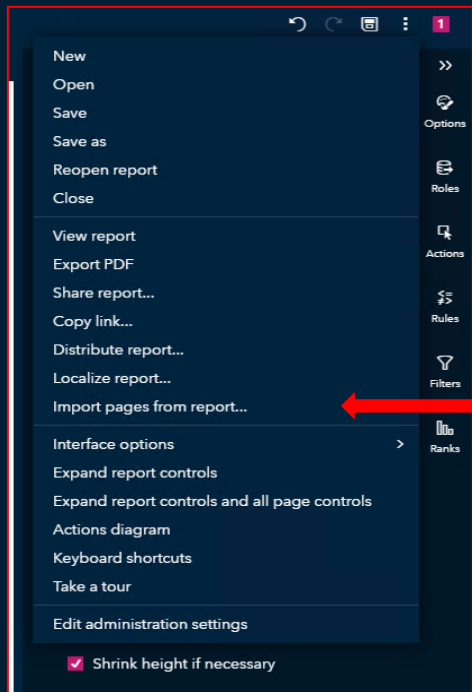
Report 1

Filters: Country

		Continent		Asia	
		FirstOrderProfitCustomer		No	Yes
Country	City	FirstProductLineOrder	Frequency	Frequency	Frequency
Indonesia	Jakarta	Figurine	144	—	—
		Game	123	—	2
		Plush	1	—	138
Israel	Tel Aviv	Figurine	125	—	—
		Game	132	—	7
		Plush	1	—	96

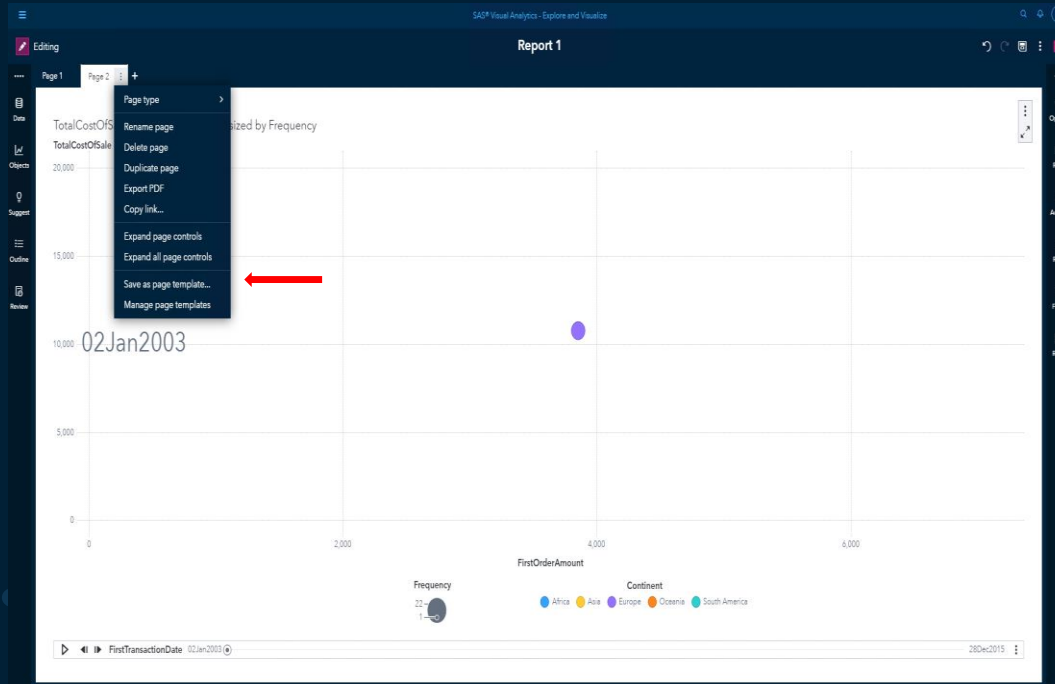
	A	B	C	D	E	F
1	(Country = 'Indonesia') OR (Country = 'Israel')					
2						
3			Continent	Asia		
4			FirstOrderProfitCustomer	No	Yes	
5	Country	City	rstProductLineOrder	Frequency	Frequency	
6			Figurine	144	—	
7	Indonesia	Jakarta	Game	123	2	
8			Plush	1	138	
9			Figurine	125	—	
10	Israel	Tel Aviv	Game	132	7	
11			Plush	1	96	
12						

11. Importere sider fra en annen rapport - 2020.1.1 (Desember 2020)



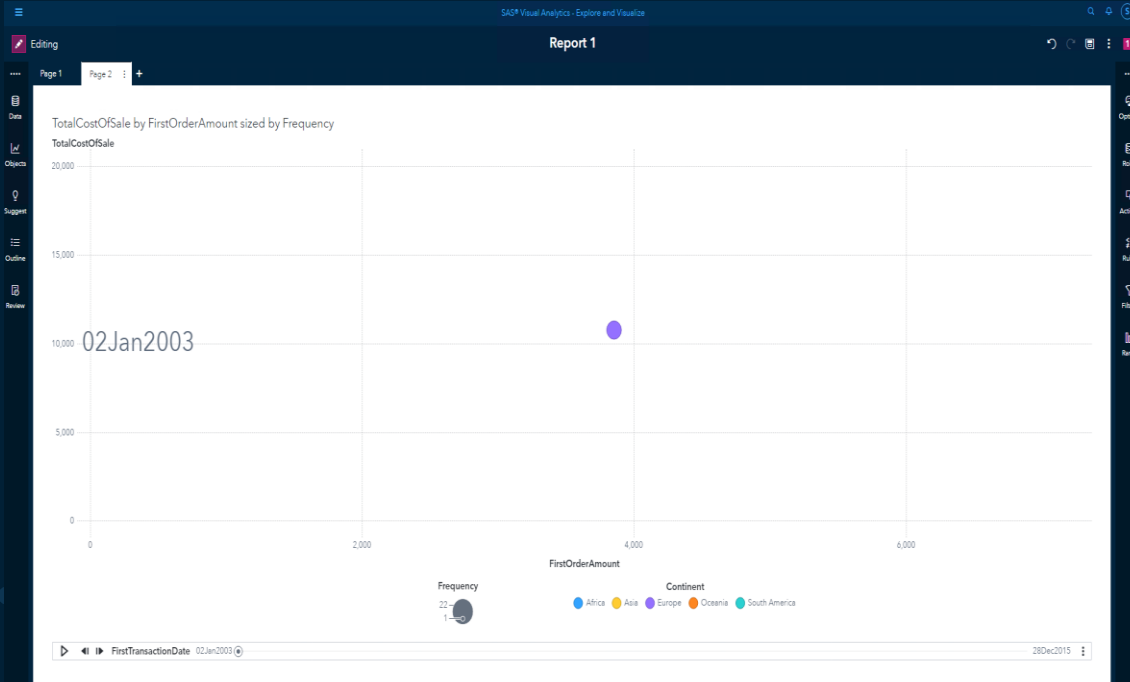
Long-Term Support Releases: 2021.1 (May 2021)

1. Custom templates - 2021.1 (May 2021)



The 'Save Page Template' dialog box is shown. It has a dark blue background and a white border. The 'Name' field is a dropdown menu with 'Page 2' selected. Below it, a message states: 'The report page "Page 2" will be saved as "Page 2" in the templates gallery.' There are three checkboxes: 'Include data' (unchecked), 'Lock report theme' (unchecked), and 'Publish' (checked). Below these is a 'Page thumbnail:' dropdown menu with 'Generate image' selected. A small thumbnail preview of the report page is shown below the dropdown. At the bottom right, there are 'Save' and 'Cancel' buttons.

2. Report Review - 2020.1 (November 2020)



Report Review

Data: 0 0 2

Objects: Evaluate Performance

Filter

Suggest

Animation (1)

Screen reader users cannot perceive that animation is used in a chart and cannot play an animated chart. If you must use animation, include the same data in an alternative accessible format (for example, you can show changes in value over time by using a list table or a crosstab).

Bubble - FirstOrderAmount 1

Object Names (1)

Objects (except text objects and containers) need meaningful, accessible names for assistive technology. Choose meaningful names for your objects (rather than using the default name), specify visible and meaningful titles for the objects, or use the "Alternative text" option for the objects in your report.

Key value - TotalCostOfSale 1



Takk for oppmerksomheten!

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