

# SAS News Corner

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THE  
POWER  
TO KNOW®

# SAS 9.3 M2

- Verfügbar seit: 12w35
- 12w41:
  - Windows 8 / Windows Server 2012 Support für:
    - » SAS Enterprise Guide 5.1
    - » SAS Add-In 5.1 for Microsoft Office
    - » Weitere folgen
- Probleme behoben
  - [http://support.sas.com/techsup/reports/maintSAS93/SAS93\\_TS1\\_M2\\_issues\\_addressed.html](http://support.sas.com/techsup/reports/maintSAS93/SAS93_TS1_M2_issues_addressed.html)
- SAS Information Map Studio 4.31
  - Erster Wochentag basiert auf Locale der Information Map

# SAS Analytical Products - 12.1 Releases

<http://support.sas.com/rnd/app/analytics/12.1/new.html>

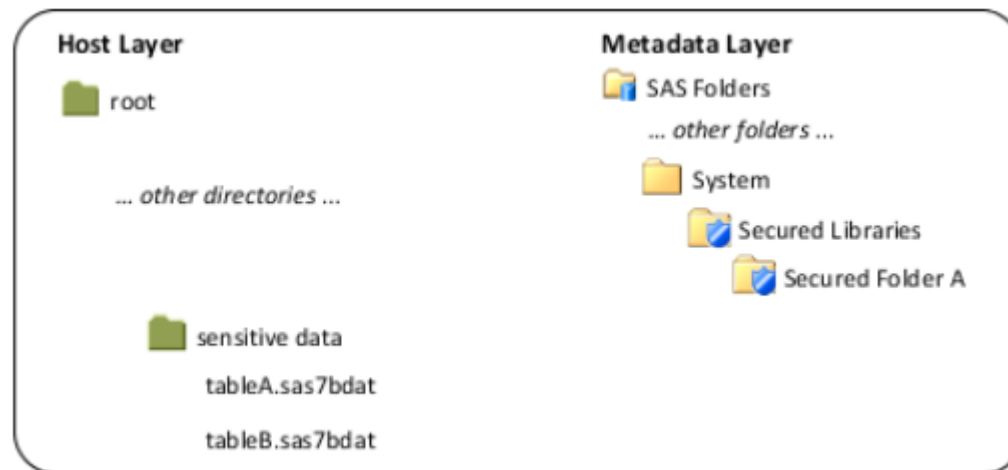
- SAS/ETS
- SAS Enterprise Content Categorization
- SAS Enterprise Miner
- SAS Forecast Server
- SAS/IML
- SAS Model Manager
- SAS/OR
- SAS/QC
- SAS Sentiment Analysis
- SAS Simulation Studio
- SAS/STAT
- SAS Text Miner
- SAS High Performance Analytics Server
- Brand New Model Manager Interface
  - Workflow
- Model Manager now supports SAS / ETS linear models running In-Database

# SAS Analytical Products – 12.1 Releases

- Neue Prozeduren (PROC TIMEDATA, ...)
- Erweiterte Prozeduren (Parallelisierung, Tests, ...)
- Neue Optionen (DLCREATEDIR, ...)
- Neue Statements (Libname JMP, ...)
- ...
- <http://support.sas.com/documentation/cdl/en/whatsnew/65742/HTML/default/viewer.htm#titlepage.htm>

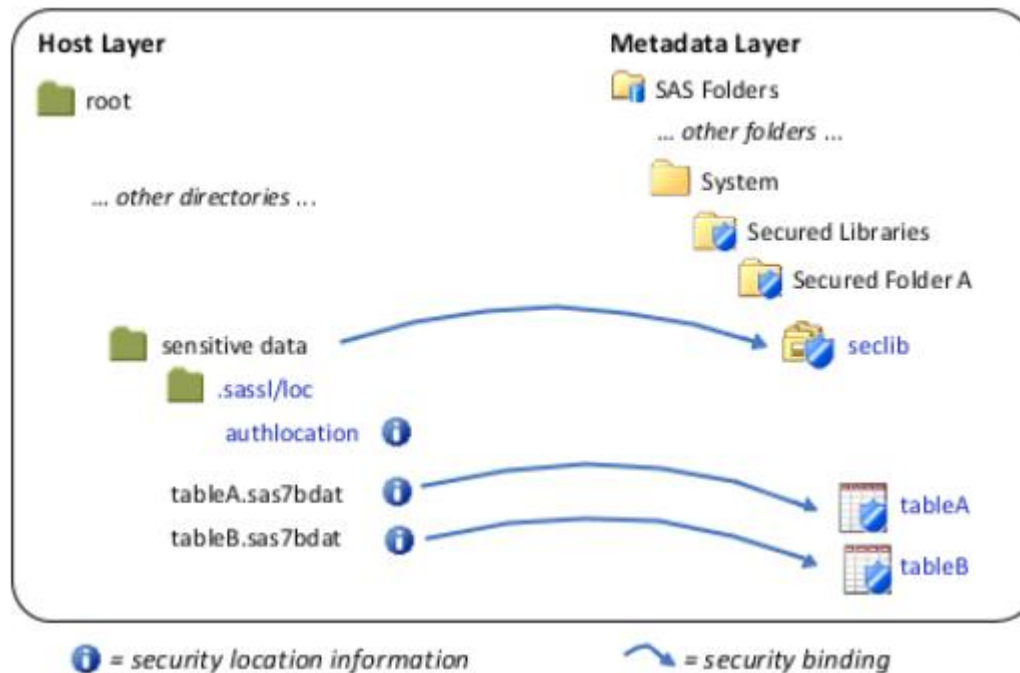
# Metadata-Bound Libraries

Before:



# Metadata-Bound Libraries

After:



# Metadata-Bound Libraries

- Early Adopter

- Ausgiebig getestet
- Derzeit noch wenig „Ease of Use“ (keine GUI)

```
libname secdemo 'path-to-your-test-directory';  
proc authlib library=secdemo; create  
  securedfolder='/System/Secured Libraries/Demo Folder'  
  securedlibrary='Demo Library' pw=secret; run;
```

- Derzeit:

- SAS tables (data sets) and SAS views
- Keine temporären Libraries
- Kann direkten Zugriff per OS nicht verhindern

# Maintenance Release SAS 9.3 M2

## SAS Web Applikationen

- SAS BI Dashboard 4.31\_M2
- SAS BI Portlets 4.31\_M2
- SAS Information Delivery Portal 4.31\_M2
- **SAS Web Report Studio 4.31\_M2**



# SAS Web Report Studio 4.31 M2

- Erreichte Ziele:
  - **Verbesserte Visualisierung/Anpassbarkeit**
  - Verbesserte Integration
  - Verbesserte Interaktivität
- Key Features:
  - **Conditional highlighting von Zeilen und Spalten basierend auf einem category value/member**
  - Bessere Kontrolle über angewendete Formate
  - Zahlen und Datumswerte angepasst an Regionalsettings des Browsers
  - **Graph with dualer Y-Achse und 3 oder mehr Measures**

# SAS Web Report Studio 4.31M2

Key Feature: Conditional Highlight

- Regeln auf Zeilen und Spalten angewendet
  - basierend auf category value /member
  - zusätzlich zu Measures
- Vorrangregeln:
  - Individual measure value rule (cell value) > row/column rule
  - Rows > columns
  - Inner categories > outer categories

# SAS Web Report Studio 4.31 M2

Key Feature: Conditional Highlight

“% Total” < 10% highlighted as red  
has highest priority

“2002Q2” highlighted as yellow  
has lowest priority

		Year		2002					
		Quarter		2002Q1		2002Q2		2002Q3	
				Profit	% Total (Profit)	Profit	% Total (Profit)	Profit	% Total (Profit)
Product Line	Product Category								
Children	Children Sports	\$14,936	2.3%	\$44,051	4.2%	\$46,064	4.4%	\$44,144	4.5%
Clothes & Shoes	Clothes	\$84,100	12.9%	\$148,325	14.1%	\$173,715	16.7%	\$148,479	15.3%
	Shoes	\$53,328	8.2%	\$100,441	9.6%	\$103,328	9.9%	\$76,598	7.9%
Outdoors	Outdoors	\$157,095	24.1%	\$302,154	28.8%	\$243,406	23.4%	\$200,443	20.6%
Sports	Assorted Sports Articles	\$68,774	10.5%	\$207,541	19.8%	\$194,529	18.7%	\$128,224	13.2%
	Golf	\$12,479	1.9%	\$38,487	3.7%	\$51,941	5.0%	\$67,503	6.9%
	Indoor Sports	\$23,271	3.6%	\$11,754	1.1%	\$20,263	1.9%	\$35,994	3.7%
	Racket Sports	\$15,890	2.4%	\$32,985	3.1%	\$39,068	3.8%	\$38,181	3.9%
	Running - Jogging	\$38,369	5.9%	\$61,116	5.8%	\$58,710	5.6%	\$38,933	4.0%
	Swim Sports	\$3,409	0.5%	\$10,884	1.0%	\$11,789	1.1%	\$4,984	0.5%
	Team Sports	\$9,828	1.5%	\$33,844	3.2%	\$36,515	3.5%	\$42,915	4.4%
	Winter Sports	\$171,620	26.3%	\$57,155	5.4%	\$61,443	5.9%	\$146,351	15.0%
Total		\$653,100	100.0%	\$1,048,735	100.0%	\$1,040,771	100.0%	\$972,749	100.0%

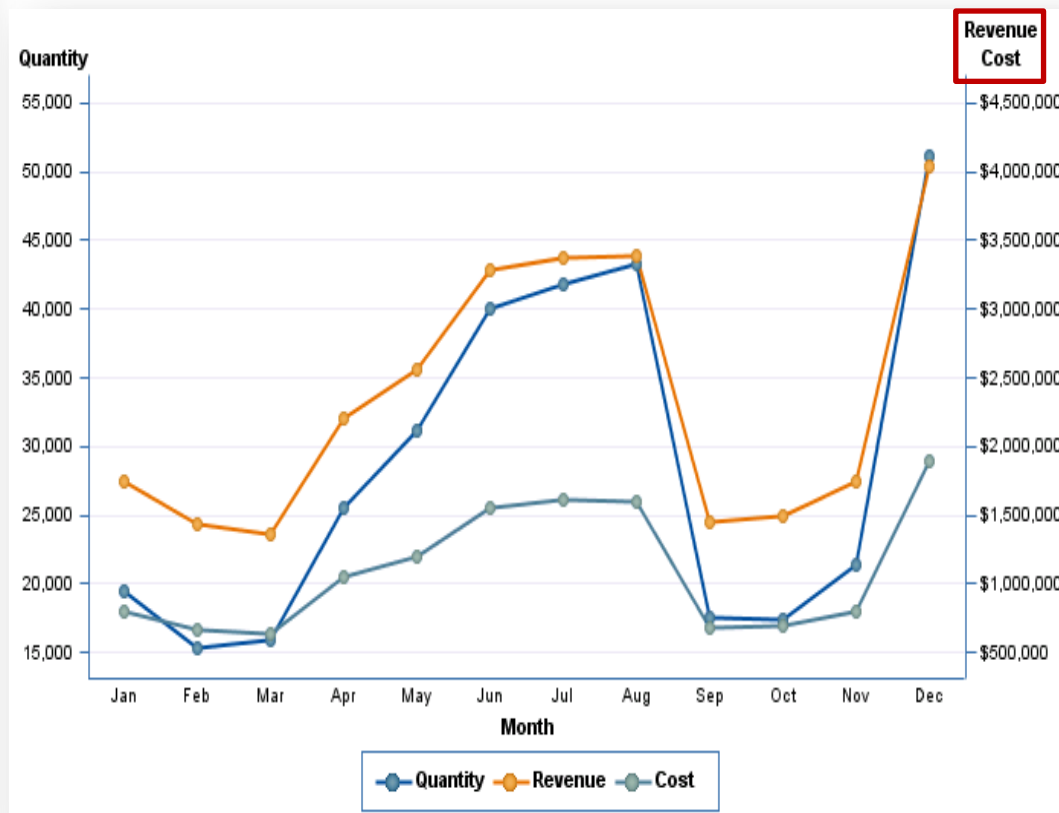
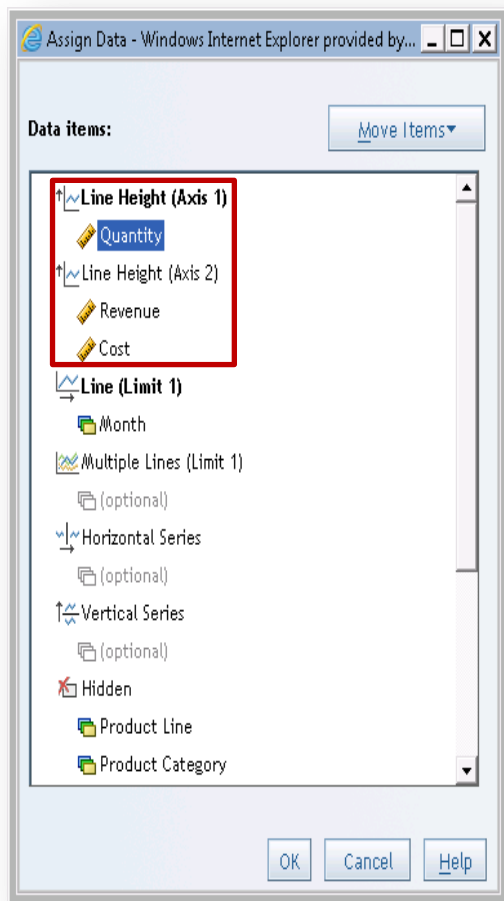
“Sports” highlighted as light green  
overwrites “2002Q2” (row over column)

“Golf” highlighted as dark green  
overwrites “Sports” (inner over outer)  
and “2002Q2” (row over column)

# SAS Web Report Studio 4.31 M2

Key Feature: Verbesserte Visualisierung

Duale Y-Achse mit 3 oder mehr Measures.



# SAS Web Report Studio 4.31 M2

- Erreichte Ziele:
  - Verbesserte Visualisierung/Anpassbarkeit
  - **Verbesserte Integration**
  - **Verbesserte Interaktivität**
- Key Features Integration:
  - **Verbesserter Excel-Export**
- **Wechsel in andere Hierarchie der Dimension in geöffnetem Report**

# SAS Web Report Studio 4.31M2

Key Feature: Verbesserter Excel-Export

Angewendete Filter und Report Name werden beim Export nach Excel übernommen

Applied filters: Country Detail equal to Canada, United States

Product Line		Children	Clothes & Shoes	Outdoors	Sports
		Sum Of Quantity	Sum Of Quantity	Sum Of Quantity	Sum Of Quantity
Year	Quarter				
1998		4,466	18,803	9,255	33,952
1999	1999Q1	982	3,733	1,870	6,988
	1999Q2	2,289	6,724	3,276	11,647
	1999Q3	1,575	6,778	2,806	10,194
	1999Q4	1,280	5,926	2,073	8,739
2000		7,079	30,930	12,908	46,164
2001		5,545	23,414	10,995	34,859
2002		7,613	23,584	13,584	39,789

	A	B	C	D	E	F
1	Applied filters: Country Detail equal to Canada, United States					
2						
3		Product Line	Children	Clothes & Shoes	Outdoors	Sports
4			Sum Of Quantity	Sum Of Quantity	Sum Of Quantity	Sum Of Quantity
5	Year	Quarter				
6	1998		4,466	18,803	9,255	33,952
7	1999	1999Q1	982	3,733	1,870	6,988
8	1999	1999Q2	2,289	6,724	3,276	11,647
9	1999	1999Q3	1,575	6,778	2,806	10,194
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12	2001		5,545	23,414	10,995	34,859
13	2002		7,613	23,584	13,584	39,789

# SAS Web Report Studio 4.31 M2

Key Feature: Switch Hierarchies

Wechsel in andere Hierarchie der Dimension in geöffnetem Report

The screenshot shows the SAS Web Report Studio 4.31 M2 interface. The title bar indicates 'SAS Web Report Studio • EBI Tech Exchange 2'. The menu bar includes 'File', 'Edit', 'View', 'Data', and 'Tools'. The 'Edit' menu is open, showing options like 'Applied filters: None', 'Sort Ascending', 'Sort Descending', 'Remove All Sorting', 'Align', 'Hide Year', 'Change Year-quarter-month to', 'Switch Year-quarter-month to', 'Expand All', 'Collapse All', and 'Rotate Table'. The 'Switch Year-quarter-month to' option is highlighted, and a sub-menu is open showing 'Year-month-dayofweek' and 'Year-month-dayofweek Europe'. The main report area displays a table with columns for 'Product Line' (Children, Clothes & Shoes, Outdoors, Sports) and 'Sum Of Quantity'. The 'Year' dimension is currently set to 'Year-quarter-month'.

Product Line	Children	Clothes & Shoes	Outdoors	Sports
	Sum Of Quantity	Sum Of Quantity	Sum Of Quantity	Sum Of Quantity
Year				
Sort Ascending		93,021	39,804	105,213
Sort Descending		107,952	43,623	122,323
Remove All Sorting		128,609	53,652	148,434
Align		106,265	47,531	126,647
Hide Year		120,573	54,973	149,555
Change Year-quarter-month to				
Switch Year-quarter-month to				
Expand All				
Collapse All				
Rotate Table				

# SAS Forecasting for Desktop

- Base SAS
- SAS/ETS
- SAS/Graph
- SAS Enterprise Guide
- SAS Forecast Studio for Desktop
- SAS Forecast Project Manager for Desktop
- SAS High Performance Forecasting (eingeschränkt)



# SAS Forecasting for Desktop

- Einzelplatzlösung
  - Keine Metadaten
  - Kein Middle Tier
  - Schnellere Installation
- GUI geführtes Forecasting
- Datenvolumen: max. 1000 series / forecasting project
- Projekte zwischen Forecast Server und Desktop übertragbar

# Big Data Analyst

Power-Seminar- in 10 Tagen zum Big Data Analyst

**SAS Know How mit Preisvorteil**  
Teilnehmer des Power-Seminar Big Data Analyst  
erhalten einen Preisvorteil von 20% auf alle SAS  
Schulungen für 1 Jahr

Woche 1	<p><b>Moderne Methoden der Business-Analyse</b></p> <ul style="list-style-type: none"><li>• Einführung in Data Mining</li><li>• Methoden des Predictive Modelling</li><li>• Design of Experiments</li><li>• Forecasting mit Zeitreihen</li><li>• Segmentierung in der Kundenanalyse</li></ul> <p>Dr. Catherine Truxillo, SAS USA</p>	<p><b>Moderne Methoden des Datenmanagements</b></p> <ul style="list-style-type: none"><li>• Datenmodellierung für Big Data Eva Maria Kegelman, SAS Deutschland</li><li>• Information Management in der Big-Data Ära Rüdiger Eberlein, Capgemini</li><li>• Datenqualitätsmanagement Rüdiger Eberlein, Capgemini</li><li>• Datenaufbereitung für Analytics Dr. Gerhard Svolba, SAS Austria</li><li>• Datenqualität für Analytics Dr. Gerhard Svolba, SAS Austria</li><li>• Werkzeuge für Datenintegration und Analyse SAS Business Experts</li></ul>
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Gleich anmelden

[www.sas.de/power](http://www.sas.de/power)

Termine:  
11.3.-22.03.2013  
10.6.-21.06.2013

Preis:  
6.250.- EURO

# SAS Training 2013

Schwerpunkt: Analytik 1.HJ 2013

Kurse	Termin	Dauer	Kosten
Vertiefende Modellierungsverfahren mit Entscheidungsbäumen	08.1.2013	2 Tage	1.360.- €
Überlebenszeitanalyse mit dem proportionalen Hazard-Modell	16.1.2012	2 Tage	1.360.- €
Vorhersagemodellierung mit der logistischen Regression	28.1.2013	3 Tage	2.040.- €
Statistik 1: Varianzanalyse, Regression und logistische Regression	30.1.2013	3 Tage	2.040.- €
Statistik 2: weiterführende Techniken der Varianzanalyse und Regression	11.2.2013	3 Tage	2.040.- €
Verwaltung von analytischen Modellen in SAS® mit dem SAS® Model Manager	14.2.2013	2 Tage	1.360.- €
Erstellung analytischer Datamarts	19.2.2013	3 Tage	2.040.- €
Multivariate Statistische Verfahren	04.2.2013	3 Tage	2.040.- €
Angewandte Clustertechniken	04.3.2013	2 Tage	1.360.- €
Varianzanalyse, Regression und logistische Regression mit dem SAS® Enterprise Guide®	08.4.2013	3 Tage	2.040.- €
Einführung in die Datenanalyse mit der SAS® Enterprise Miner™ Software	23.4.2012	3 Tage	2.040.- €

# SAS Trainings 2013

## Weitere Trainings

- Kurskalender 1. Halbjahr 2013
- Online: [www.sas.at/education](http://www.sas.at/education)
- Education Consulting:  
**Bernadette Fabits**
  - Email: [Bernadette.Fabits@sas.com](mailto:Bernadette.Fabits@sas.com)
  - Tel: +43 1 25242-540
  - Mobil: +43 664 1062540

