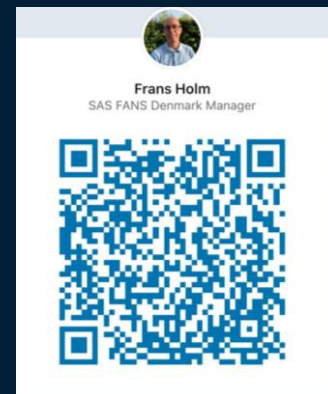


FANS Programmering Netværksmøde

21/9-2021 – Virtuelt på Teams

Kl. 13.30 – 16.30



FANS
Programmering
Netværksmøde

Dagsorden

- **Velkomst**
 - v. Frans Holm, SAS
- **Tips og Tricks fra Community**
 - v. Peter Clemmensen, Nykredit
- **%SYSFUNC**
 - v. Jesper Michelsen, Nykredit
- **Pause**
- **Proc Template & ODS**
 - v. Ole Steen, SAS
- **Picture formater**
 - v. Jesper Michelsen, Nykredit
- **Pause**
- **Sammenfletning - MERGE, MATCH, CONCATENATE**
 - v. Barbara Olsen, SAS
- **Afslutning & lodtrækning**
 - v. Frans Holm, SAS

Styregruppe

FANS

Programmering

Netværksmøde

Styregruppe:

- Jesper Michaelsen, Nykredit
- Peter Clemmensen, Nykredit
- Ole Steen (SAS)
- Barbara Olsen (SAS)
- Sara Armandi (SAS)
- Frans Holm (SAS)

Tak fordi du er taler

- Opfind ikke noget nyt!
- Du behøver ikke have svaret!



Copyrig



Menti

Har du:

Input?

Forslag?

Ideer?

FANS 2022 medlemskaber

Kontakt Frans.Holm@sas.com – Jeg vil kontakt alle medlemmer

Package	Network Meetings	Virtual FANS Events	Social events	SAS GF / SAS AX	Curiosity Trip to Cary	SAS Local Forums	SAS Days	Free E Learning courses	SAS Certification, Learning Conference, AVT Training	Price (DKK) Standard	Price (DKK) 2022
FANS Free	Yes	Yes	No	No	No	No	No	No	No	0	0
FANS Premium Personal	Yes	Yes	Yes (1)	Yes (1)	No	Yes (1)	No	Yes (1)	Yes (10%)	3.000	750
FANS Premium Company	Yes	Yes	Yes (5)	Yes (4)	Yes (4)	Yes (10)	Yes (2)	Yes (3)	Yes (10%)	19.500	5.000

Diverse Nyheder

https://www.sas.com/en_us/webinars/hash-object.html

Ask the Expert webinar:

How Do I Use a Hash
Object in Place of the
LAG Function?

About the webinar

Join this webinar to learn how the LAG function works, get an introduction to the hash object and why it can be helpful with autoregressive time series forecasting.

This webinar is perfect for intermediate to advanced SAS® programmers. You'll learn how to take a value from a previous row, perform a calculation with it and then store it in the same column.

You will learn:

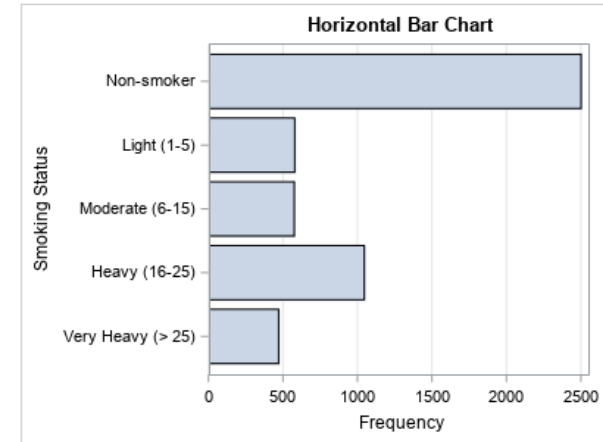
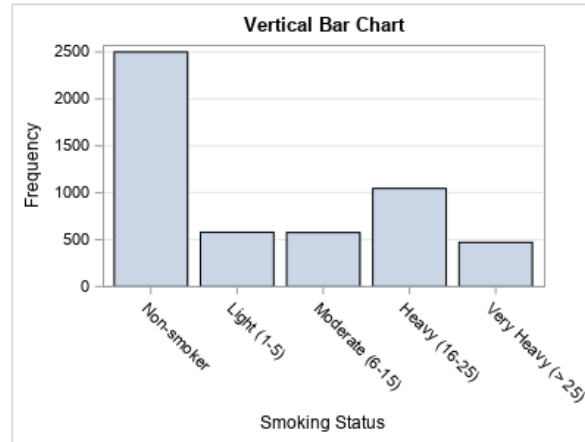
- ✔ An in-depth understanding of the LAG function and a visual demonstration of how it works.
- ✔ An introduction to the hash object.
- ✔ How to use a hash object to perform a LAG function when you need to do a calculation on the value.

Diverse Nyheder

<https://blogs.sas.com/content/iml/2021/04/12/horizontal-bar-chart.html>

Blog:

3 reasons to prefer
a horizontal bar
chart



Diverse Nyheder

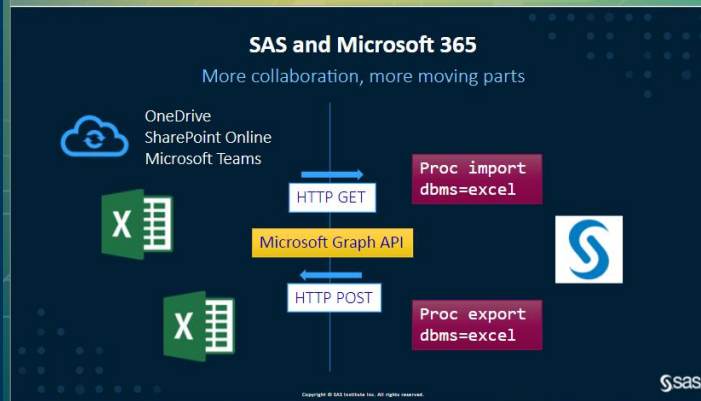
https://www.sas.com/en_us/webinars/sas-ms365-programming.html

Using SAS® With Microsoft 365: A Programming Approach

SAS

Using SAS® with Microsoft 365: A Programming Approach

Slides



Resource List

Ask the Expert 

Media Player


















































Diverse Nyheder

<https://blogs.sas.com/content/sasdummys/2021/07/06/emojis-sas/>

How to work with emojis in SAS

Smileys & Emotion

face-smiling

No	Code	Browser	Appl	Goog	FB	Wind	Twtr	Joy	Sams	GMail	SB	DCM	KDDI	CLDR Short Name
1	U+1F600										—	—	—	grinning face
2	U+1F603													grinning face with big eyes
3	U+1F604											—	—	grinning face with smiling eyes
4	U+1F601													beaming face with smiling eyes
5	U+1F606										—		—	grinning squinting face
6	U+1F605										—		—	grinning face with sweat
7	U+1F923									—	—	—	—	rolling on the floor laughing

Diverse Nyheder

https://www.youtube.com/watch?app=desktop&&v=bVZtvjzWaXs&&list=PLVV6eZFA22QzOJvy2_z83ij2xOeoGNsef&&index=14&utm_source=other&utm_medium=email&utm_campaign=non-cbo-us

Proc Transpose

Switching Things Up With the TRANSPPOSE Procedure

Kristin Snyder, SAS Education

Training Session

SAS® GLOBAL FORUM 2021

Diverse Nyheder

<https://blogs.sas.com/content/sgf/2021/07/06/little-known-secrets-of-do-loops-with-index-variables/>

Little known secrets of DO-loops with index variables

Iterative loops are one of the most powerful and imperative features of any programming language, allowing blocks of code to be automatically executed repeatedly with some variations. In SAS we call them DO-loops because they are defined by the iterative DO statements. These statements come in three distinct forms:

- DO with index variable
- DO UNTIL
- DO WHILE

Diverse Nyheder

https://go.documentation.sas.com/doc/en/anprocdc/v_001/anprowlcm/home.htm

SAS Analytics Pro
Base, Graph, Stat

Welcome to SAS Analytics Pro

Analytics programming environment for data scientists and SAS programmers — the cloud-native, containerized version.

Using SAS Studio

Getting Started

About SAS Studio

SAS Studio at a Glance

Write a Program

SAS Programming

SAS Cloud Analytic Services (CAS) actions for data access and analytics are supported through a connection to an external CAS server.

Choose Your SAS Journey

- Free personalized
- Subscription-based
- No jargon – just plain



SAS Users & Admins.
Your inbox weekly.



- ✓ What's New
- ✓ Tips & Tricks
- ✓ Video Tutorials
- ✓ Best Practices
- ✓ Expert Advice
- ✓ Industry Insights
- ✓ Connect with Experts



SAS Starter Kit

Whether you're a new user or refreshing your SAS skills, you'll find there's more than one way to get started. With our onboarding programme, we'll orientate you on how to find the best services, expert advice and learning tools - those resources which have proven popular with SAS users like you.

Some of the journeys available now

Fast Track Your Viya Adoption

Become a Data Ninja

Viya Admin Super Hero

The Art of Visualization

Next-Generation AML

<https://www.sas.com/sas/offers/choose-your-sas-journey.html?referid=CS1487>





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[SAS Global Learning Conference - November 2021 | SAS](#)

SAS kursuskalender 2021

Programming	September	Oktober	November	December
SAS® Programming 1: Essentials	7.-8. (live web)	25.-27.		
SAS® Programming 2: Data Manipulation Techniques	13.-14.		1.-2. & 29.-30.	
SAS® Macro Language 1: Essentials	15.-16.		3.-4.	6.-7.
SAS® SQL 1: Essentials	20.-21.		8.-9.	8.-9.
SAS® Programming 3: Advanced Techniques			23.-24.	
SAS Report Writing				13.-15.

Data Management	September	Oktober	November	December
SAS Data Integration Studio: Fast Track		4.-5. & 11.-12.		

SAS Viya	September	Oktober	November	December
Programming for SAS Viya		28.		2.
SAS Visual Analytics for SAS Viya: Fast Track			15.-17.	
SAS Viya Administration		6.-7.		

SAS Enterprise Guide	September	Oktober	November	December
SAS Enterprise Guide 1: Querying and Reporting			10.-11.	

Kurserne finder sted på vores helt nye kontor der ligger Havneholmen 8, 2450 København SV

Spørgsmål? Kontakt os på saskurser@sas.com

FANS Lodtrækning

Vind en SAS ting!

FANS Lodtrækning

Dagens gave!



Kan være du får én af følgende farver i stedet.

FANS lodtrækning

Send mail til:

frans.holm@sas.com

Skriv:

Subject: Lodtrækning

Mailen: Navn + Adresse

Udtrækning
Hvordan:

The screenshot shows the SAS Studio interface. The top toolbar includes buttons for Run, Cancel, Copy, Paste, Undo, Redo, and Share. The main window is divided into two panes. The left pane, titled 'Code', contains the following SAS code:

```
1 *** Lodtrækning ***;
2
3 %let Antal=15;
4
5 data Vinder_af_lodtrækning;
6   call streaminit(0);
7   do until (Vinder_nr>0);
8     Vinder_nr = round(&Antal. * rand("Uniform"));
9   end;
10 run;
11
```

The right pane, titled 'Output Data (1)', shows a table with the following data:

VINDER_AF_LODTRÆKNING	
	Vinder_nr
1	4

Tips og Tricks fra Community

v. Peter Clemmensen, Nykredit

%SYSFUNC

v. Jesper Michelsen, Nykredit

Du kan stadig at deltage i FANS lodtrækningen

Pause – Pause – Pause - Pause

Vi starter igen kl. 14.40

Proc template & ODS

v. Ole Steen, SAS

Picture formater

v. Jesper Michelsen, Nykredit

Du kan stadig at deltage i FANS lodtrækningen

Pause – Pause – Pause - Pause

Vi starter igen kl. 15.45

Sammenfletning

- MERGE, MATCH, CONCATENATE

v. Barbara Olsen, SAS

Afslutning & lodtrækning

SAS Dag

Tilbud til FANS virksomhedsmedlemmer

SAS Dag eller timer/ time

- Vidensdeling internt hos jer
 - Jeg hjælper med at lave et program specifikt for jer
 - Jeg kan koordinere med SAS indlæg
-
- Kontakt Frans.Holm@SAS.com / 51 38 76 46

FANS Network Meetings & Platform Overview

Danmark – Virtuelt på Teams

- 22/9 FANS | Platform 9-12
- 23/9 FANS | Data Science (Nordic) 9.30-12.30
- 28/10 FANS | Customer Intelligence (Nordic) 12-14 & 15-16
- 23/11 FANS | Visual Analytics (Nordic) 13-16
- 30/11 FANS | Data Science (Nordic) 13-16
- 1/12 FANS | Visual Analytics 9.30-12.30
- 1/12 FANS | Programming 13.30-16.30
- 2/12 FANS | Platform 9-12
- 3/12 SAS | Platform Overview 9-12
- 14/12 FANS | Customer Intelligence (Nordic) 13-14



Menti

Har du:

Input?

Forslag?

Ideer?



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- ✓ Best Practices
- ✓ Expert Blogs
- ✓ Industry Knowledge
- ✓ Connect with Experts

<https://www.sas.com/sas/offers/choose-your-sas-journey.html?referid=CS1487>

Some of the journeys available now



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Next-Generation AML



FANS Lodtrækning

Dagens gave!



Kan være du får én af følgende farver i stedet.



Tak for i dag

Vi Ses FANS!

Feedback modtages gerne
f.eks. i evaluering

Frans.Holm@sas.com

