

# FANS Nordic Data Science Network

2/6-2021 – on Teams : 9-12 CET



# Nordic FANS

## Local FANS manager

- Pia Rønnevik (Norway)
- Pietari Koskela (Finland)
- Daniel Ringqvist (Sweden)
- Frans Holm (Denmark)

FANS Nordic  
Data Science  
Network

# Agenda

9-12 CET

- Welcome
  - by Frans Holm, SAS
- Fit statistics & what to use when
  - by Philip Sierpinski, SAS
- Break
- Interpretability
  - by Mathias Lanner, SAS
- Data ethics
  - by Rune Hjort Nielsen, SAS
- Break
- Model Evaluation Metrics in Machine Learning. Understand the problem and a practical approach
  - by Hans de Witt, Telenor
- Closing & Lottery
  - by Frans Holm, SAS

# News!

<https://blogs.sas.com/content/iml/2021/05/24/find-documentation-sas-procedure.html>

## How to quickly find documentation for a SAS procedure

### Two tips to improve your search for syntax and details

The key to searching the documentation is understanding how the SAS documentation is organized and how the documentation writers refer to syntax. Here are several tips for how to use an internet search engine to search the SAS documentation effectively:

- **"SAS Help Center"**: Rather than search for a generic term like "SAS documentation," include the term "SAS Help Center," which is the name SAS gives to its online collection of documentation books. If you omit this term, you might find that your search engine returns results from older versions of SAS, such as SAS 9.2. To get the most current documentation, always start the search with **"SAS Help Center"**.
- **"XYZ Procedure"**: Although programmers colloquially refer to SAS procedures as "PROCs," the documentation system uses the term *procedure*. Thus, instead of searching for "PROC REG," search for **"REG Procedure"**. Instead of searching for "PROC MEANS," search for **"MEANS Procedure"**.

These two tips will go a long way to improving your ability to find the most recent documentation of SAS procedures. For example, try searching for the following terms:

- "SAS Help Center" "REG Procedure"
- "SAS Help Center" "MEANS Procedure"



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startdate 9 November 2021
- **Analytics Value Training for Insurance**  
startdate 15 September 2021
- **Anti Financial Crime – Applied Analytics Training**  
startdate 29 September 2021
- **Retail Capability Academy**  
startdate 20 October 2021

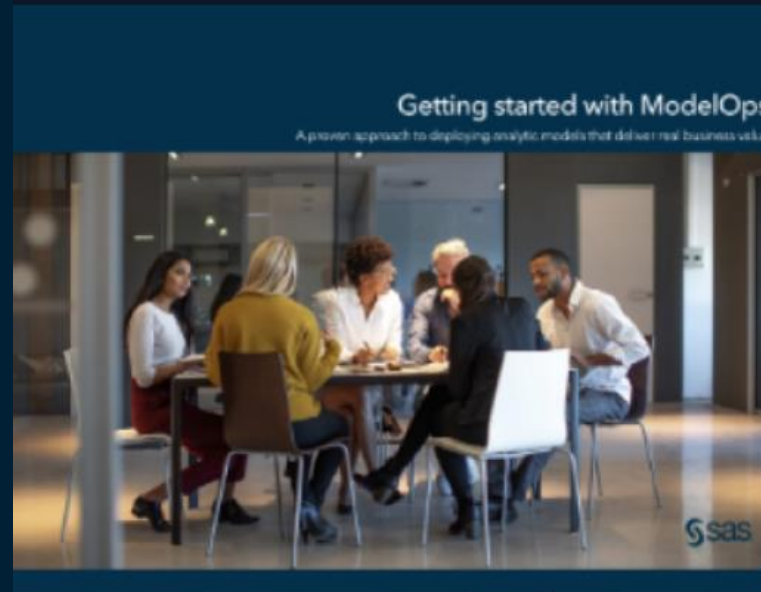
Questions? Please contact us at [nordicedu@sas.com](mailto:nordicedu@sas.com)

# News!

- [https://www.sas.com/en/whitepapers/model-ops-111230.html?utm\\_source=other&utm\\_medium=email&utm\\_campaign=non-cbo-gbc-prd-us](https://www.sas.com/en/whitepapers/model-ops-111230.html?utm_source=other&utm_medium=email&utm_campaign=non-cbo-gbc-prd-us)

## E-book

# Getting started with ModelOps



# Visual Data Science

## News!

[https://www.sas.com/en\\_us/trials/software/visual-data-science-decisioning/viya-trial-form.html](https://www.sas.com/en_us/trials/software/visual-data-science-decisioning/viya-trial-form.html)



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- Forecasting
- Text analytics
- Optimization
- Econometrics
- Digital decisioning
- Event streaming analytics



# News!

[https://www.sas.com/en\\_us/webinars/enterprise-miner-to-viya.html](https://www.sas.com/en_us/webinars/enterprise-miner-to-viya.html)

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Webinar

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# SAS® Global Forum

SAS Forum Nordic  
Autumn 2021 !?

[https://www.sas.com/en\\_us/  
events/sas-global-forum.html](https://www.sas.com/en_us/events/sas-global-forum.html)

Mark Your Calendar! Our Virtual Event Is

EMEA | May 25 - 26

# Proceedings from SAS Global Forum 2021

<https://communities.sas.com/t5/SAS-Global-Forum-Proceedings/tkb-p/proceedings-2021>

The screenshot shows the SAS Communities website interface. At the top, there is a dark blue navigation bar with the SAS logo and the word "COMMUNITIES". Below this is a secondary navigation bar with dropdown menus for "Community", "Learn", "Programming", "Analytics", "Administration", "Solutions", and "Regional". A large blue banner features the text "SAS Global Forum Proceedings 2021" and "SAS Global Forum presentations from the 2021 conference event". Below the banner is a search bar with the text "Find your SAS answers" and a "Knowledge base" link. A breadcrumb trail reads "Home / SAS Global Forum proceedings / 2021 Presentations". Below the breadcrumb is a utility bar with "Options", "Bookmark", "Subscribe", and "RSS Feed" icons. The main content area has a light purple background and features a section titled "Proceedings from SAS Global Forum 2021" with a description: "Review over 100 technical presentations and tutorials from SAS users and experts! They include written how-to content, demo videos and code. And they cover all SAS topics including analytics, administration, programming, data visualization and more!". A purple button at the bottom of this section says "See all of the 2021 papers".

**SAS Global Forum Proceedings 2021**  
*SAS Global Forum presentations from the 2021 conference event*

Find your SAS answers Knowledge base

Home / SAS Global Forum proceedings / 2021 Presentations

Options Bookmark Subscribe RSS Feed

**Proceedings from SAS Global Forum 2021**

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See all of the 2021 papers

FANS

# Next Data Science meeting

[sas.com/fans](https://sas.com/fans) -> Events -> All live Events

Network  
meetings

- 23/9 Data Science (Nordic) 9.30-12.30
- 30/11 Data Science (Nordic) 13-16



MENTI

*Do you have:*

Input?

Suggestions?

Ideas?

Share good videos/papers!

# Thank You for Speaking

- Don't invent new things!
- You don't need the answer!



# Lottery

Win a SAS gadget!

# Lottery

Today's present!





# Lottery

Sent a mail to:

[frans.holm@sas.com](mailto:frans.holm@sas.com)

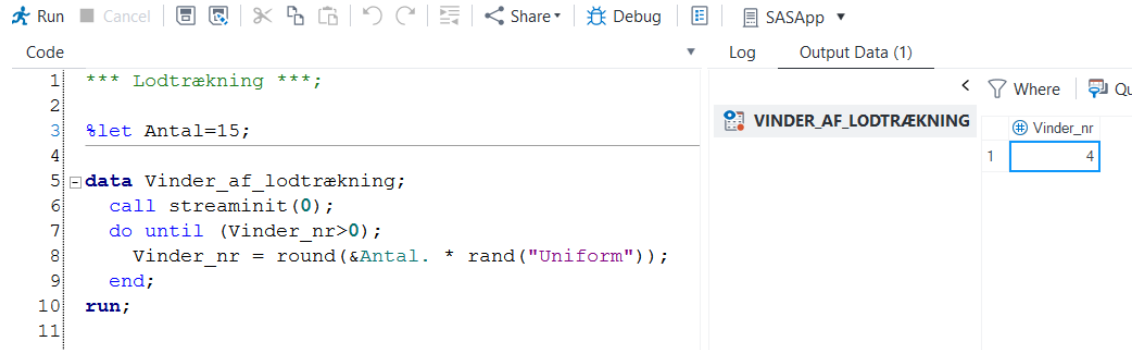
Write:

Subject: Lottery

Mail: Name + Address

Drawing

How:



The screenshot shows the SAS Studio interface. The Code window 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 Output window shows the results of the code execution, with a table titled "VINDER\_AF\_LODTRÆKNING":

	Vinder_nr
1	4

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by Philip Sierpinski, SAS

# Interpretability

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# Model Evaluation Metrics in Machine Learning.

Understand the problem and a practical approach

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# Closing & Lottery

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

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Next-Generation AML



# Ask the Expert:

Nordic and  
Global Webinars

## Nordic Topics:

- 24/2: Ease of building stand-alone machine vision devices
- 31.3: What SAS 9.4 content can be migrated to SAS Viya?
- 28/4: Quick Wins with Azure
- 1/6: Version control in SAS
- 16/6: An introduction to Proc DS2

[Link to Ask the Expert](#)





FANS

Network  
meetings

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# Network meetings

<https://www.sas.com/sas/events/nordic/fans-nordic-sas-user-group/all-events-dk.html>



## Virtuelle FANS-netværksmøder i Danmark



## Virtual FANS Network Meetings Finland



## Virtuelle FANS nettverksmøter i Norge



## Virtuella FANS-möten i Sverige



MENTI

*Do you have:*

Input?

Suggestions?

Ideas?

Share good videos/papers!

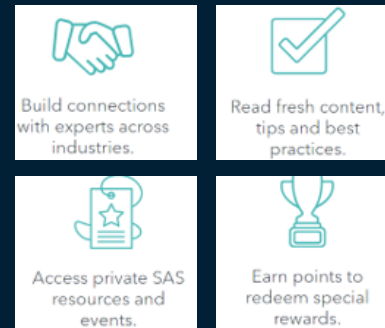
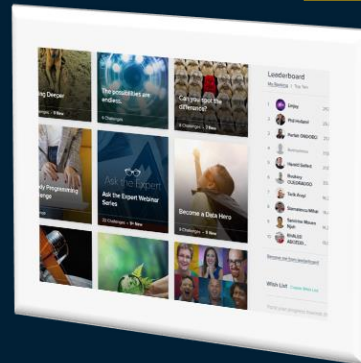
# SAS Analytics Explorers

Play, Learn, Engage

SAS® Analytics Explorers is a community where SAS customers meet for entertainment, networking, exchange of experiences, career impulses, and inspiration for their own work.

Here you can build connections with experts across industries, read fresh content, tips, and best practices, access private SAS resources and events, and earn points to redeem special rewards. This is a fun way to learn and interact with other SAS users.

## Short video introduction



Build connections with experts across industries.

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Access private SAS resources and events.

Earn points to redeem special rewards.



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Monthly email with upcoming Nordic events and activities. Subscription-based. [Subscribe](#)

## SAS Global Support Community

Stuck on a problem? [Ask the community for help](#). While you're here, get a SAS tip and share what you know. This community of SAS experts is here to help you to succeed!

## SAS Nordic Communities

This community is for all SAS users in the Nordic region. [Join](#)



**Thank you for  
participating**

Please give feedback  
in the evaluation  
that is sent out

Frans.Holm@sas.com

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